

3/289

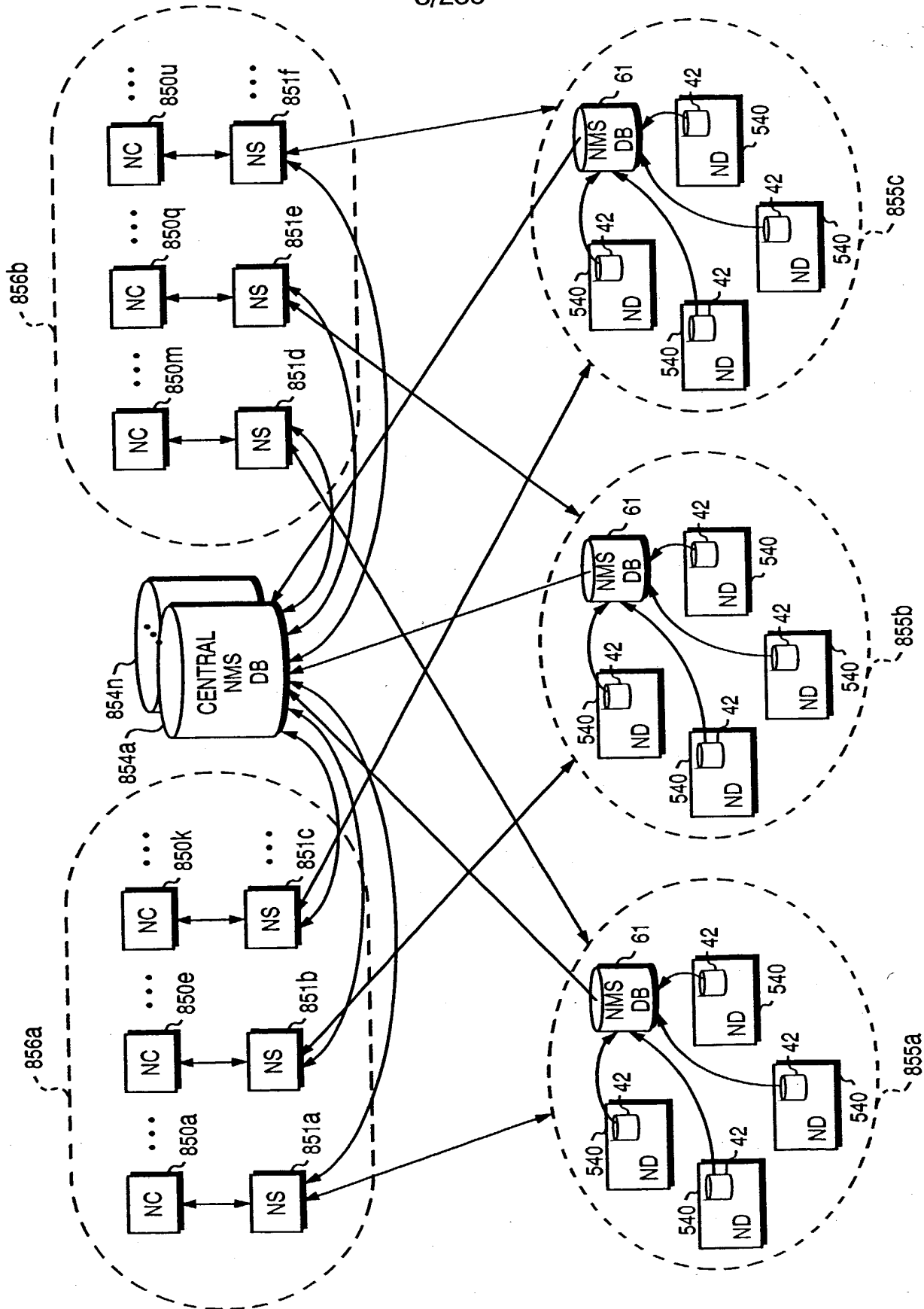


FIG. 2B

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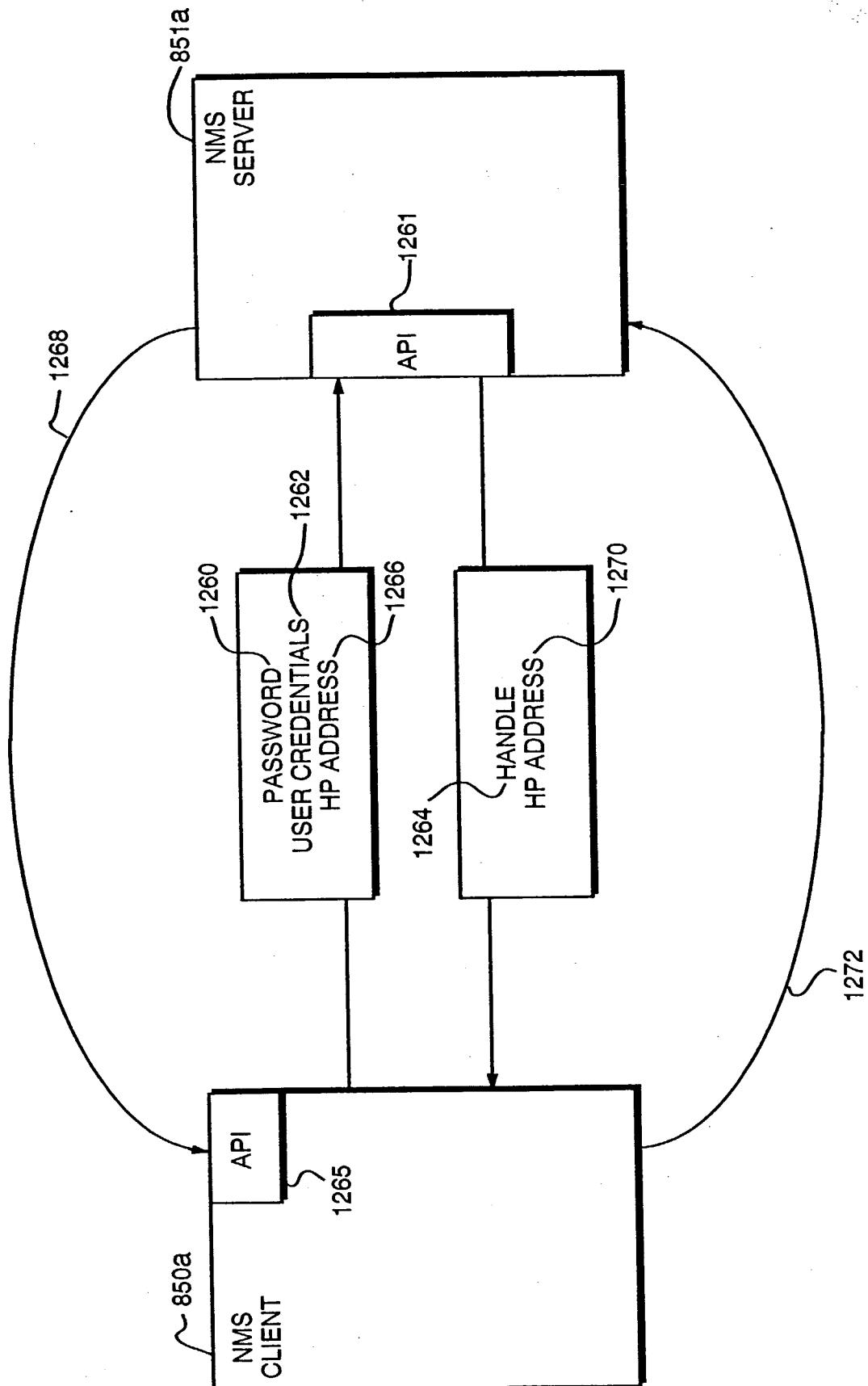


FIG. 2C

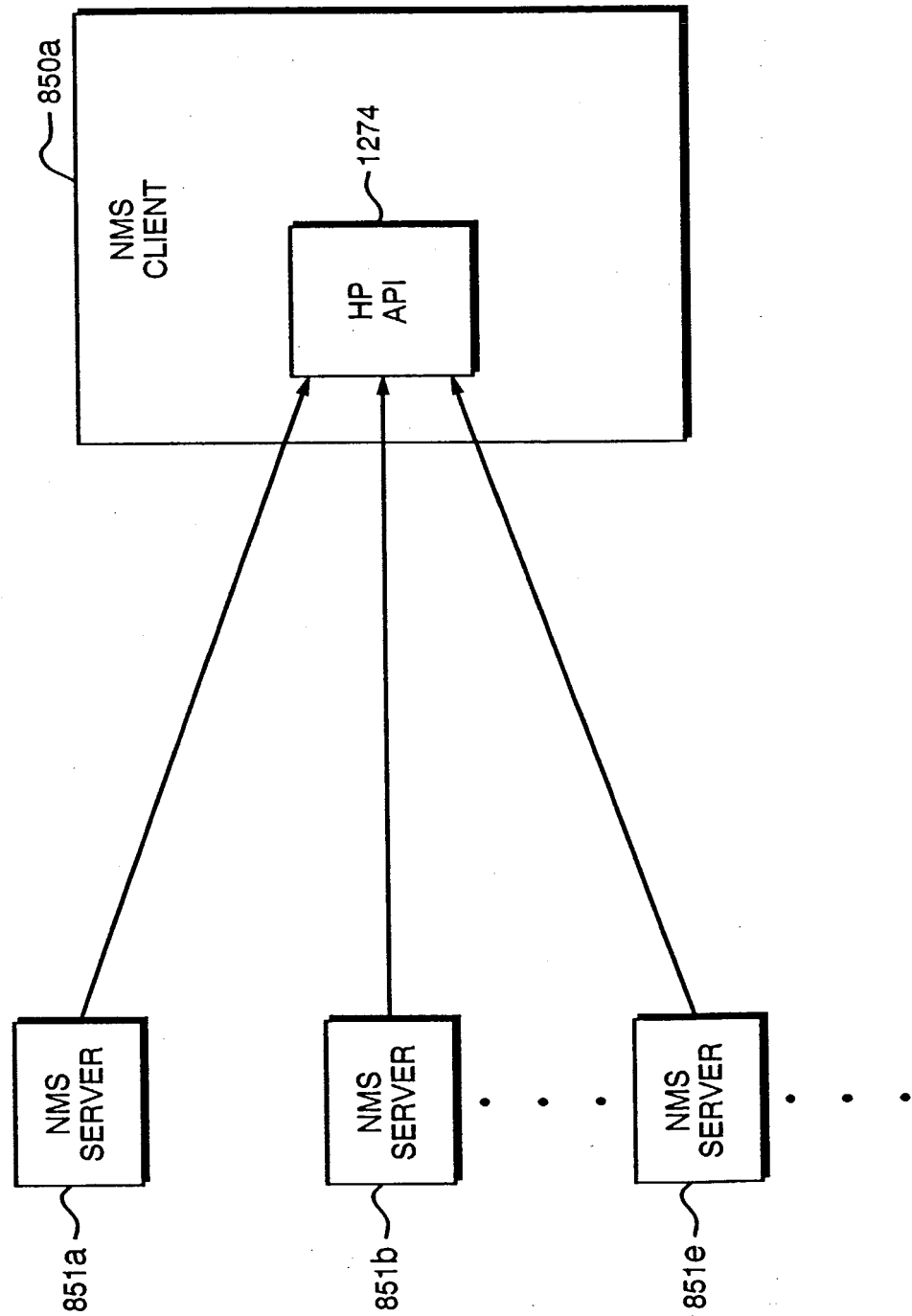


FIG. 2D

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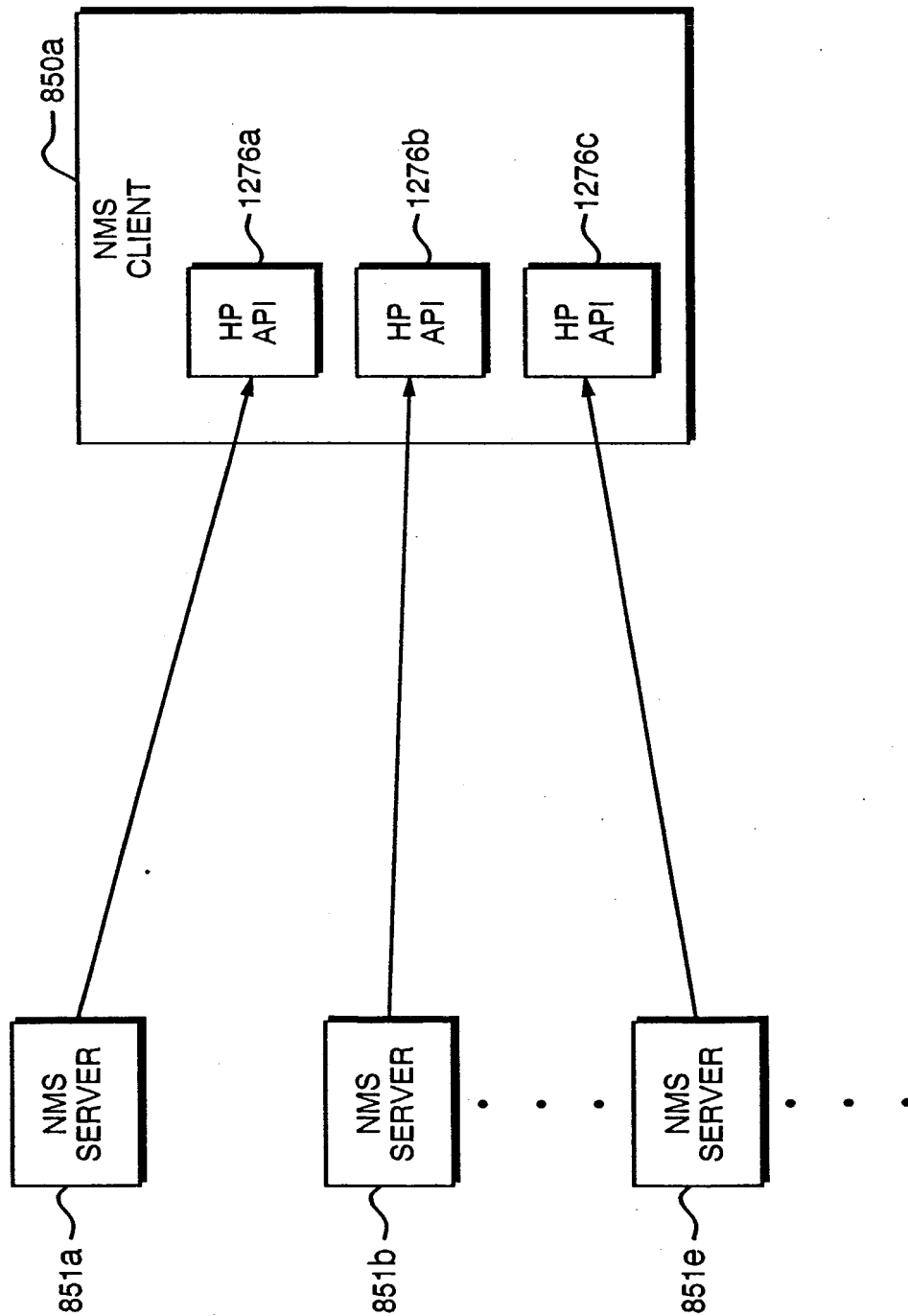


FIG. 2E

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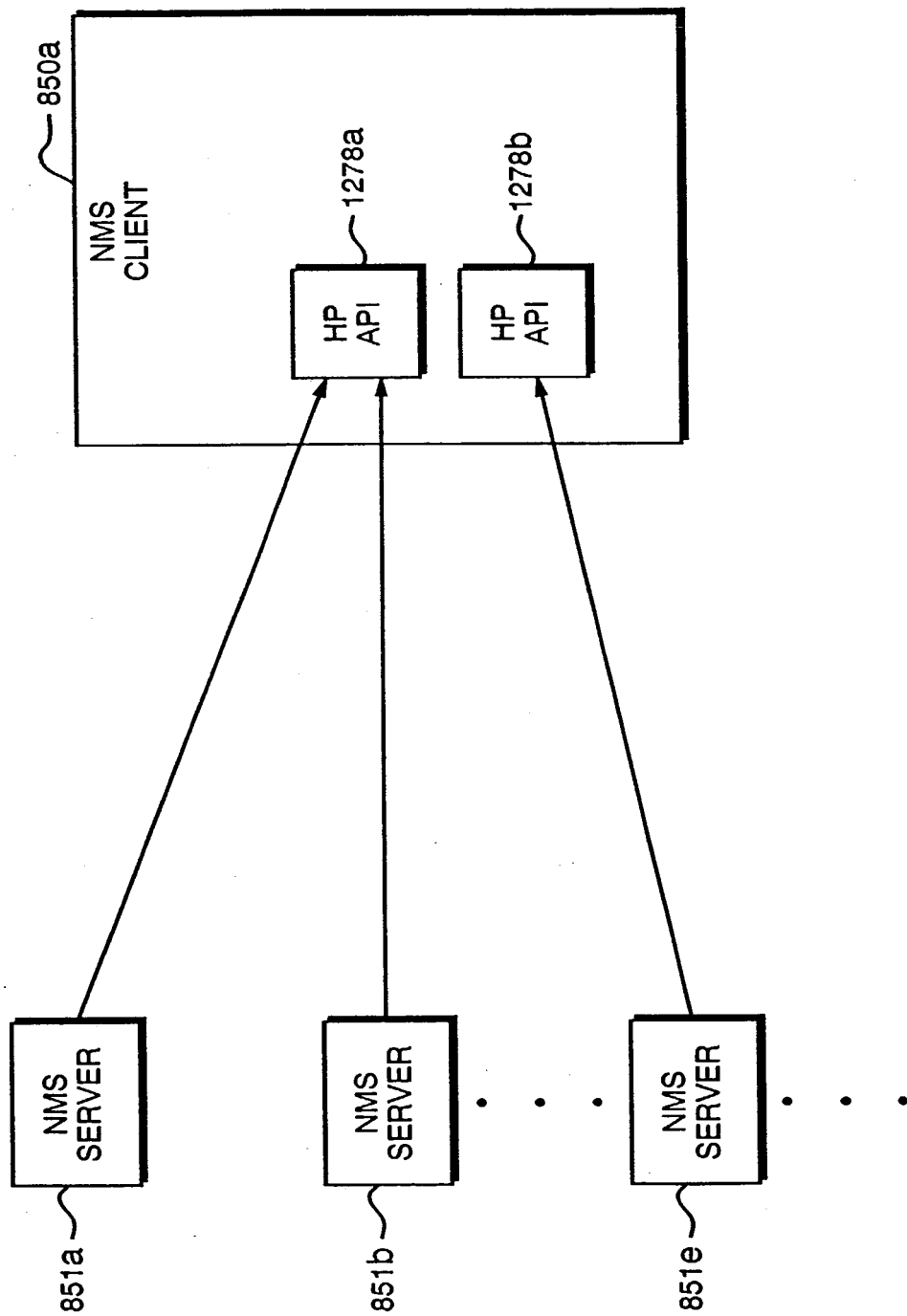


FIG. 2F

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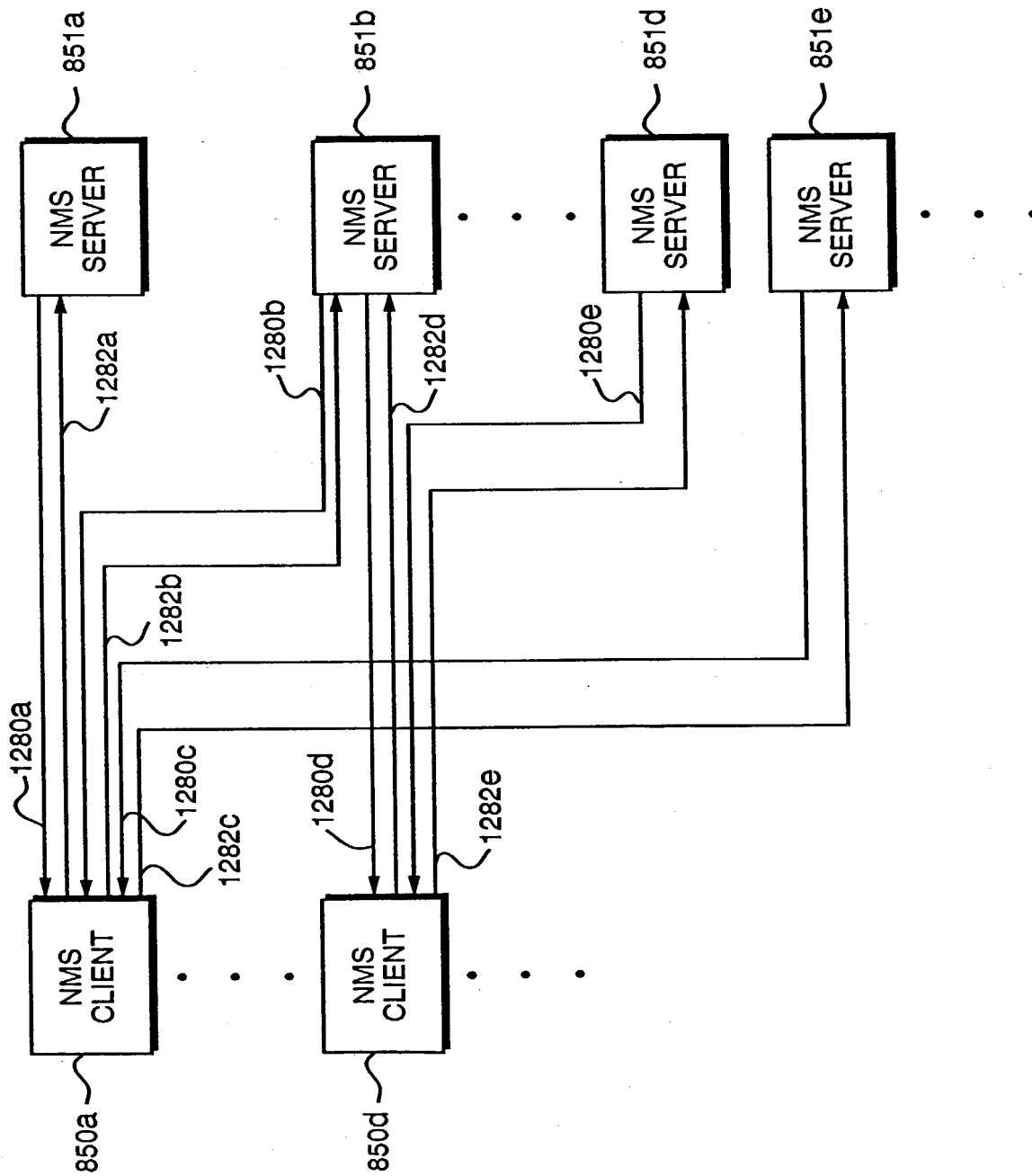


FIG. 2G

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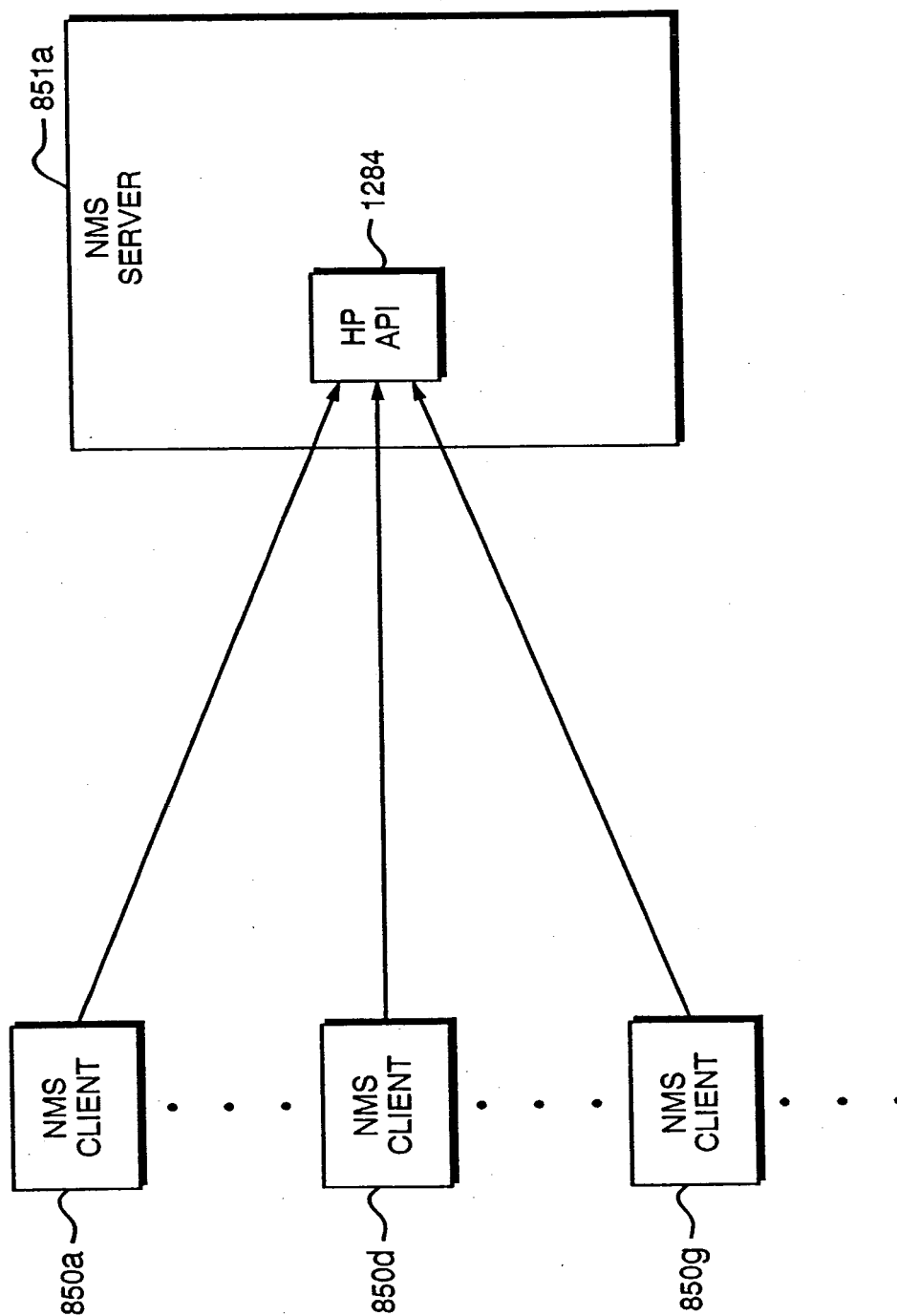


FIG. 2H

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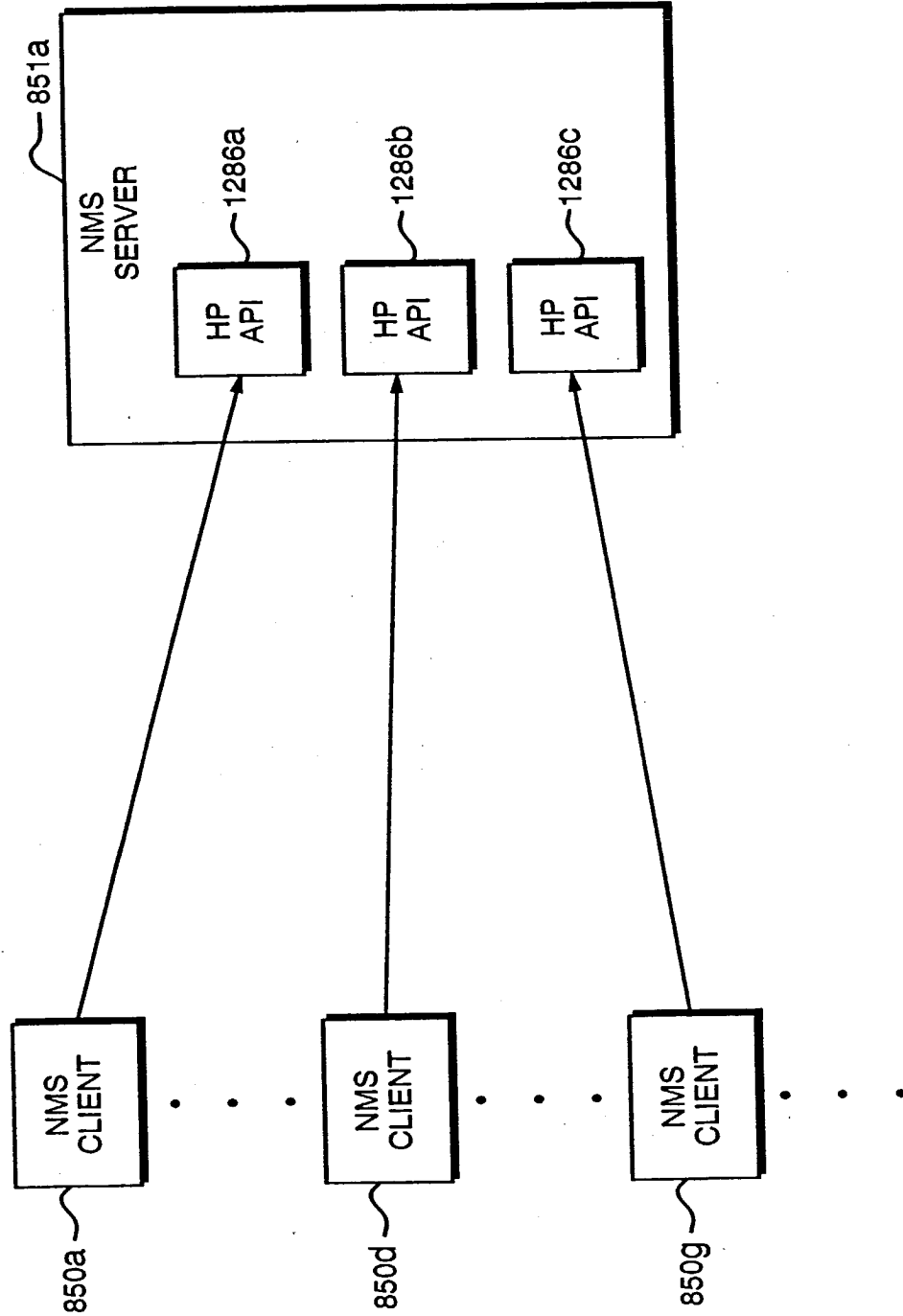


FIG. 2I

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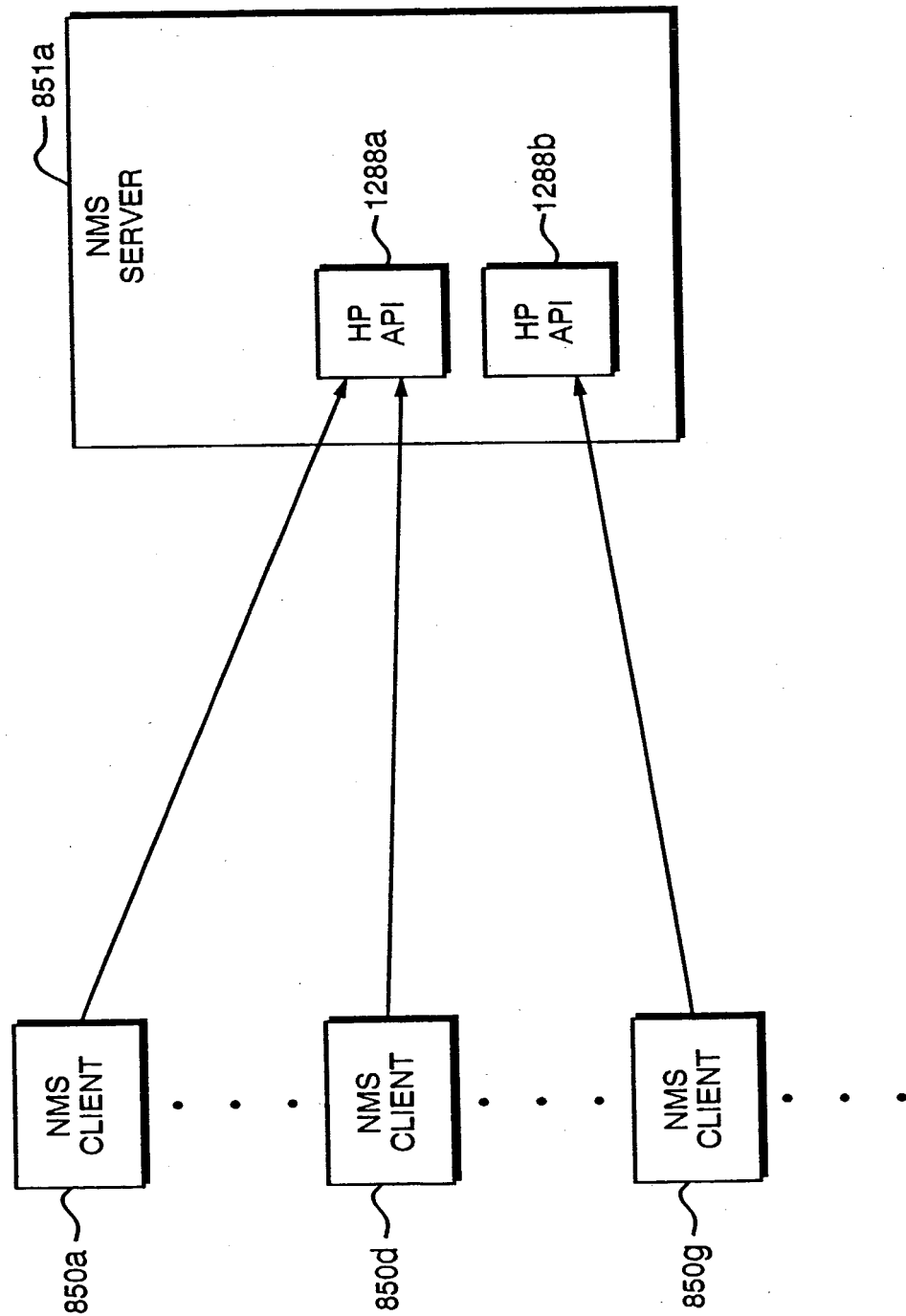


FIG. 2J

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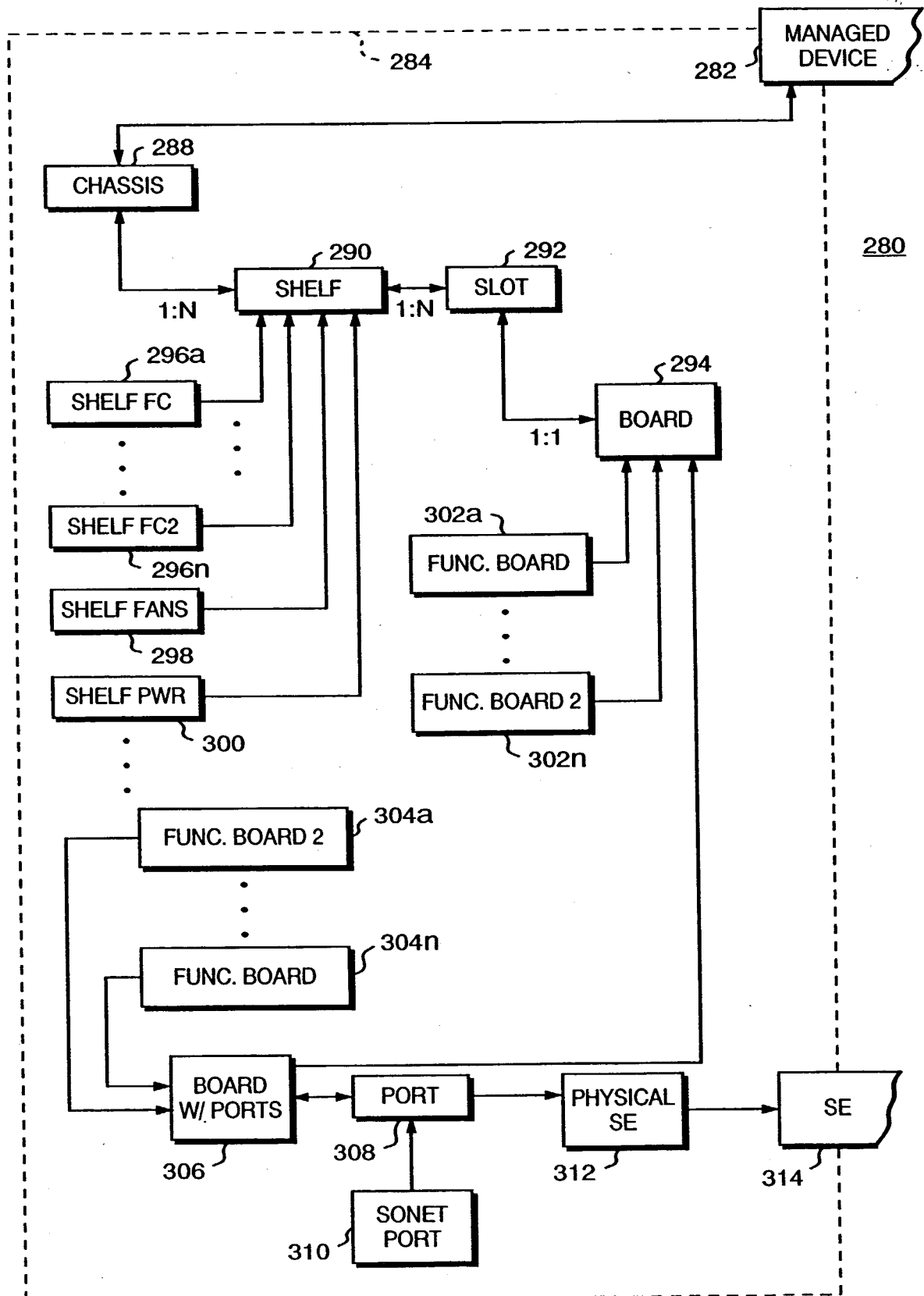


FIG. 3A

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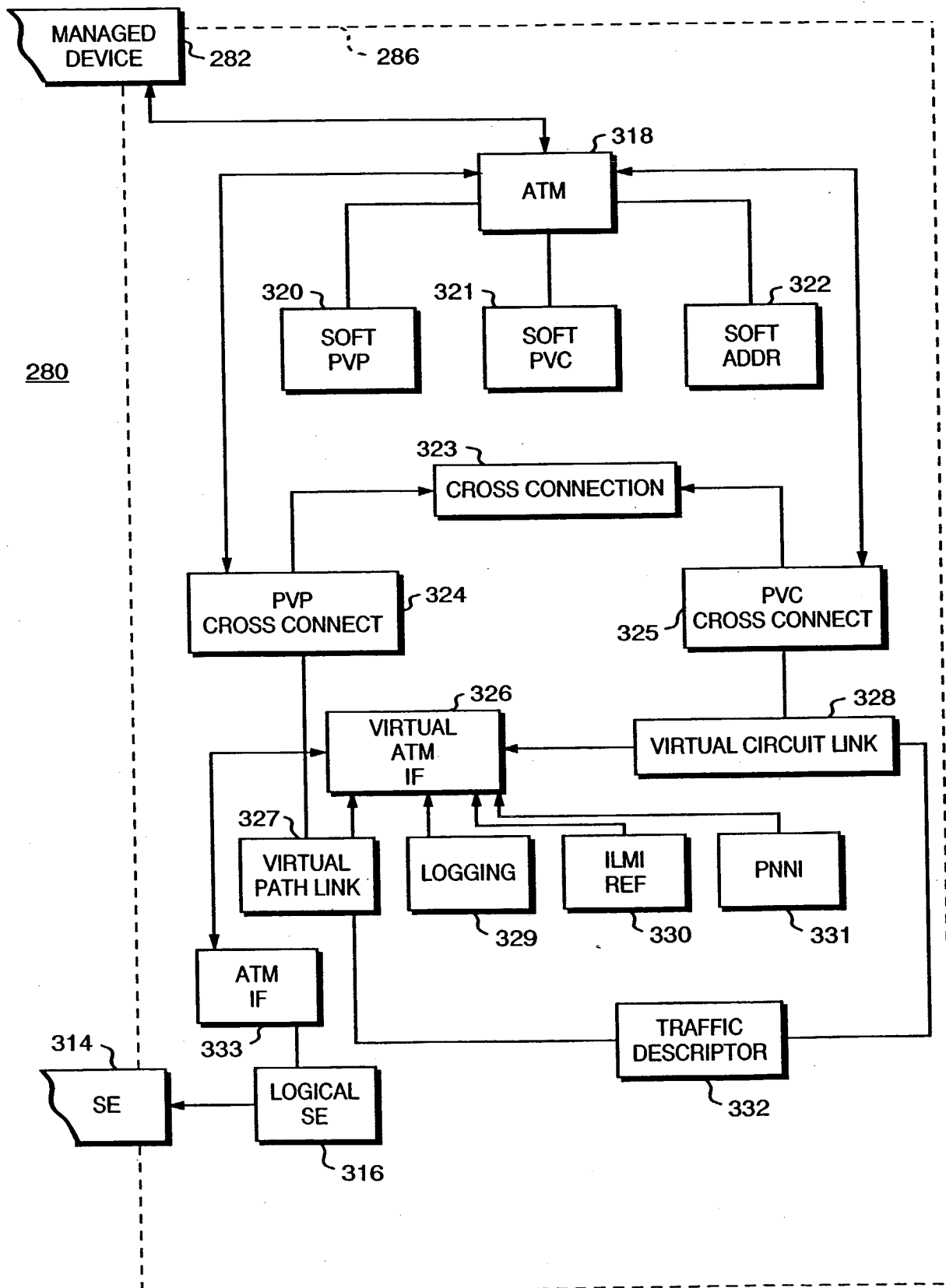
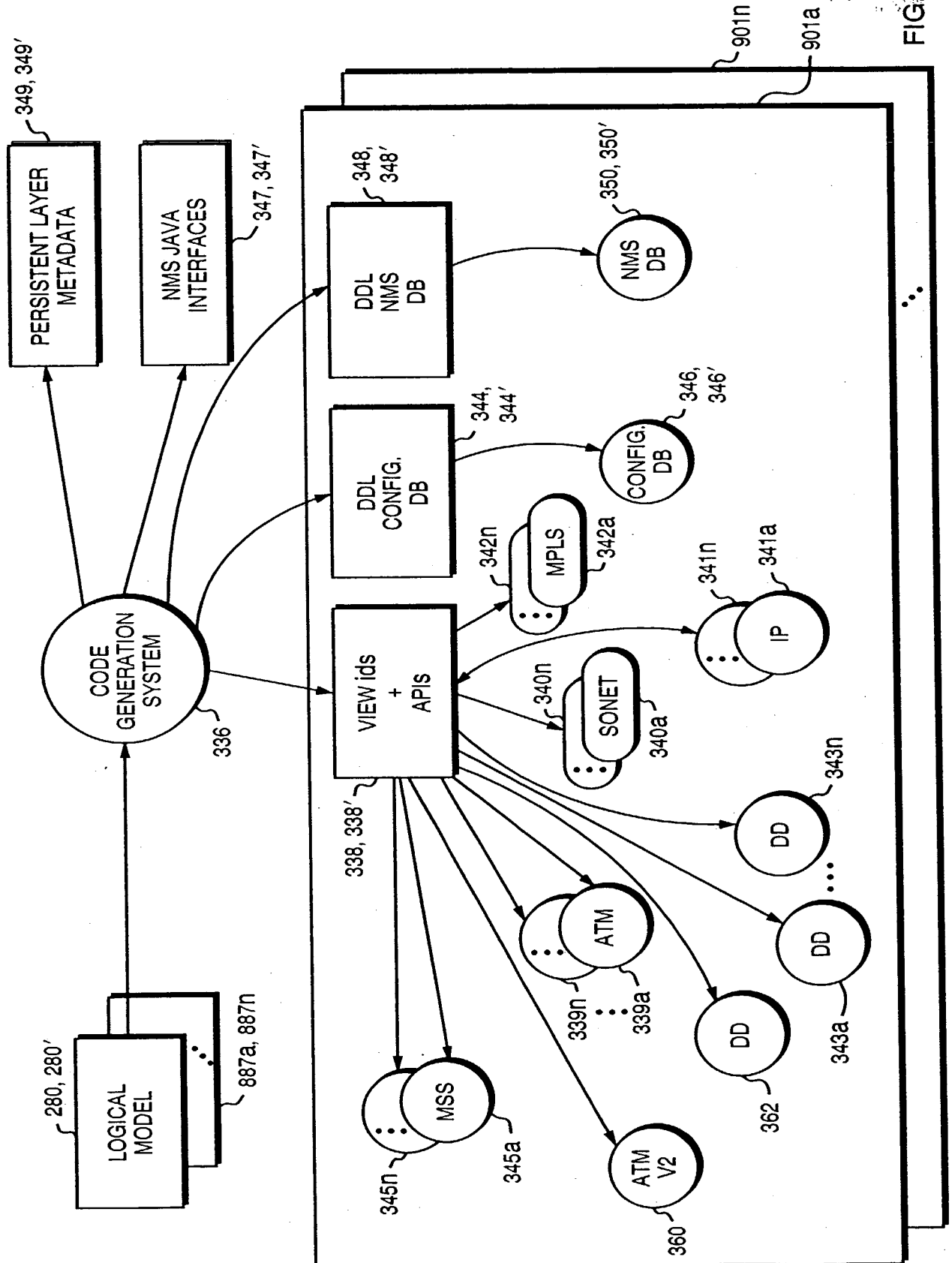


FIG. 3B

102689-73

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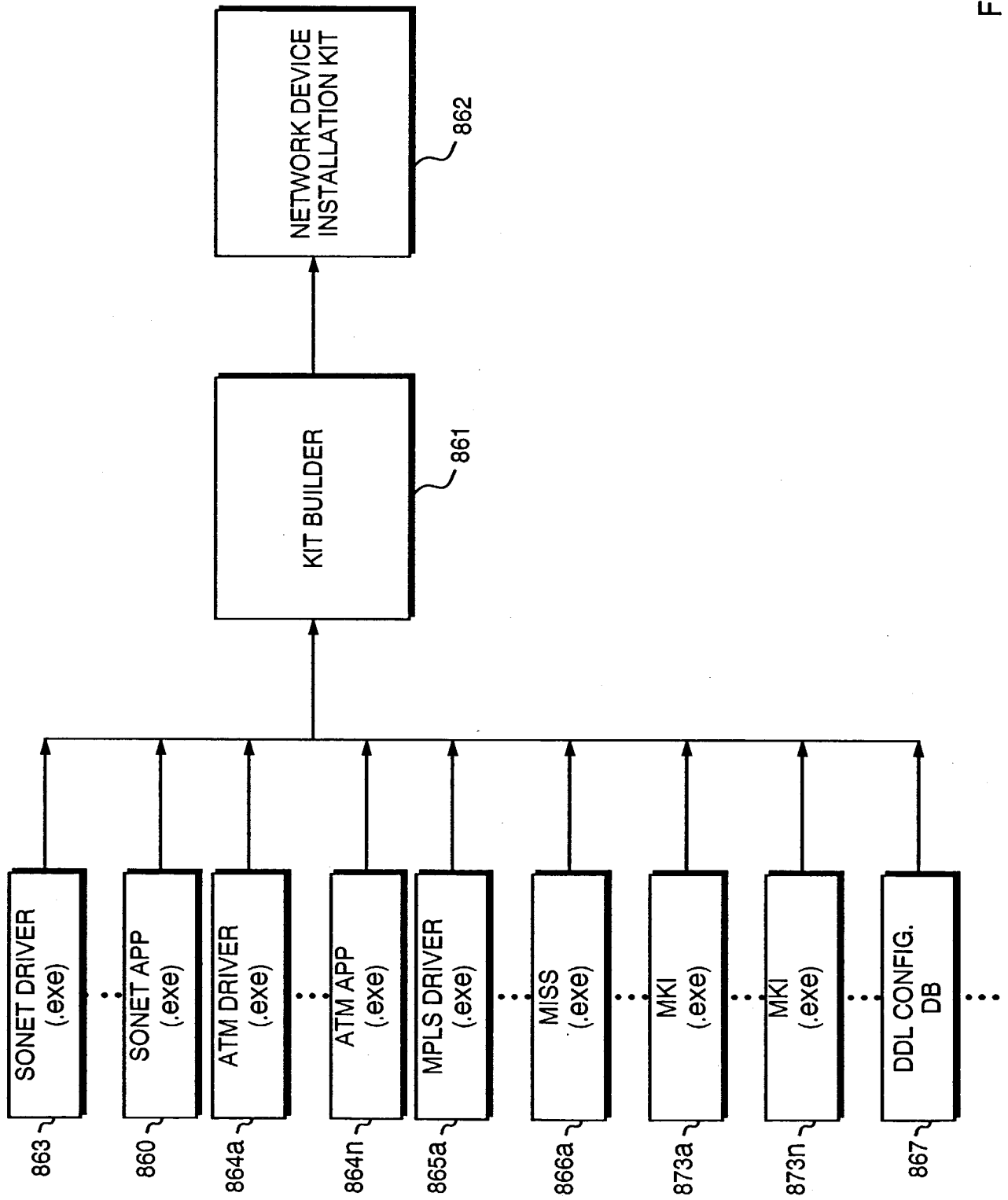


FIG. 3F

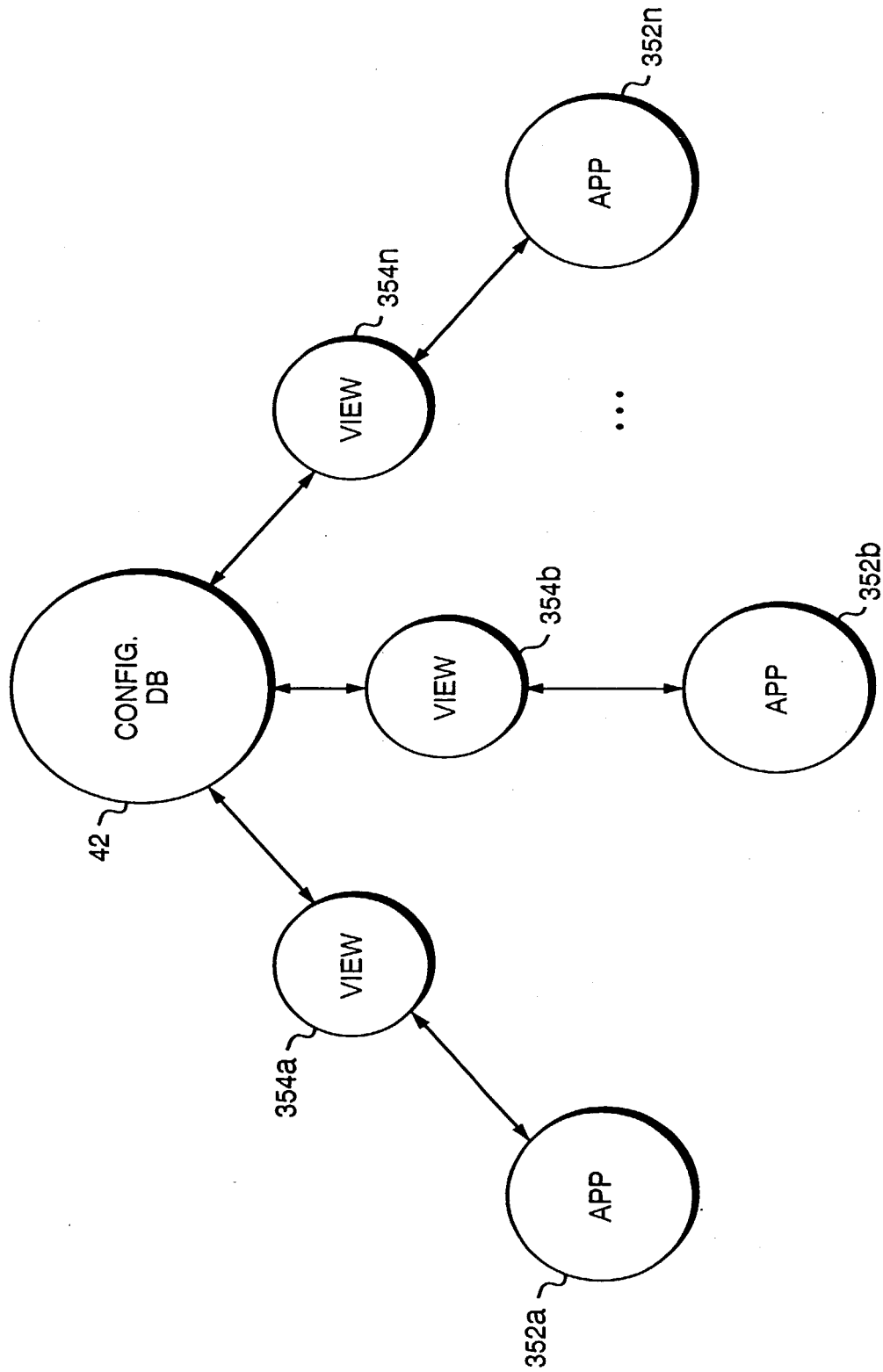


FIG. 3D

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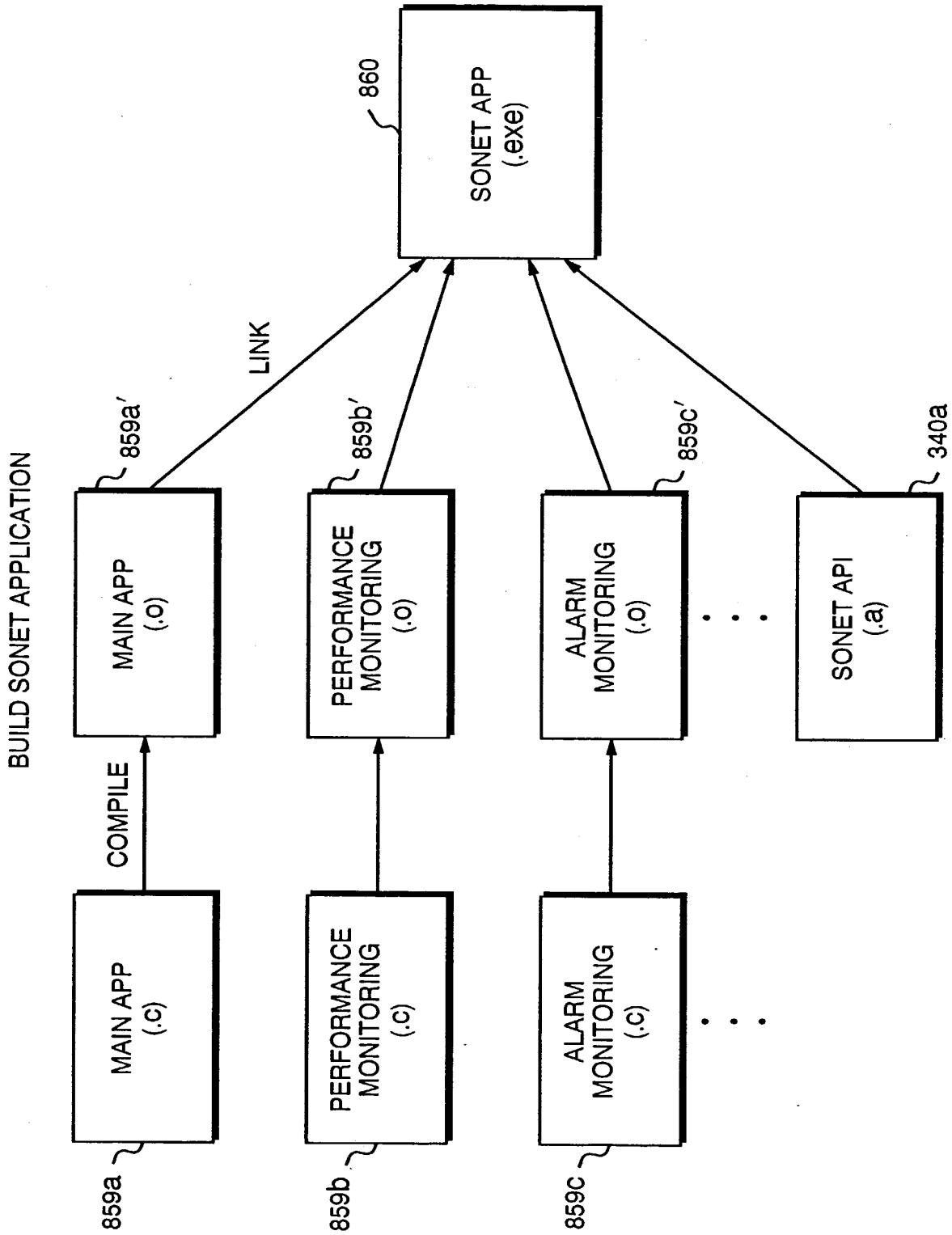


FIG. 3E

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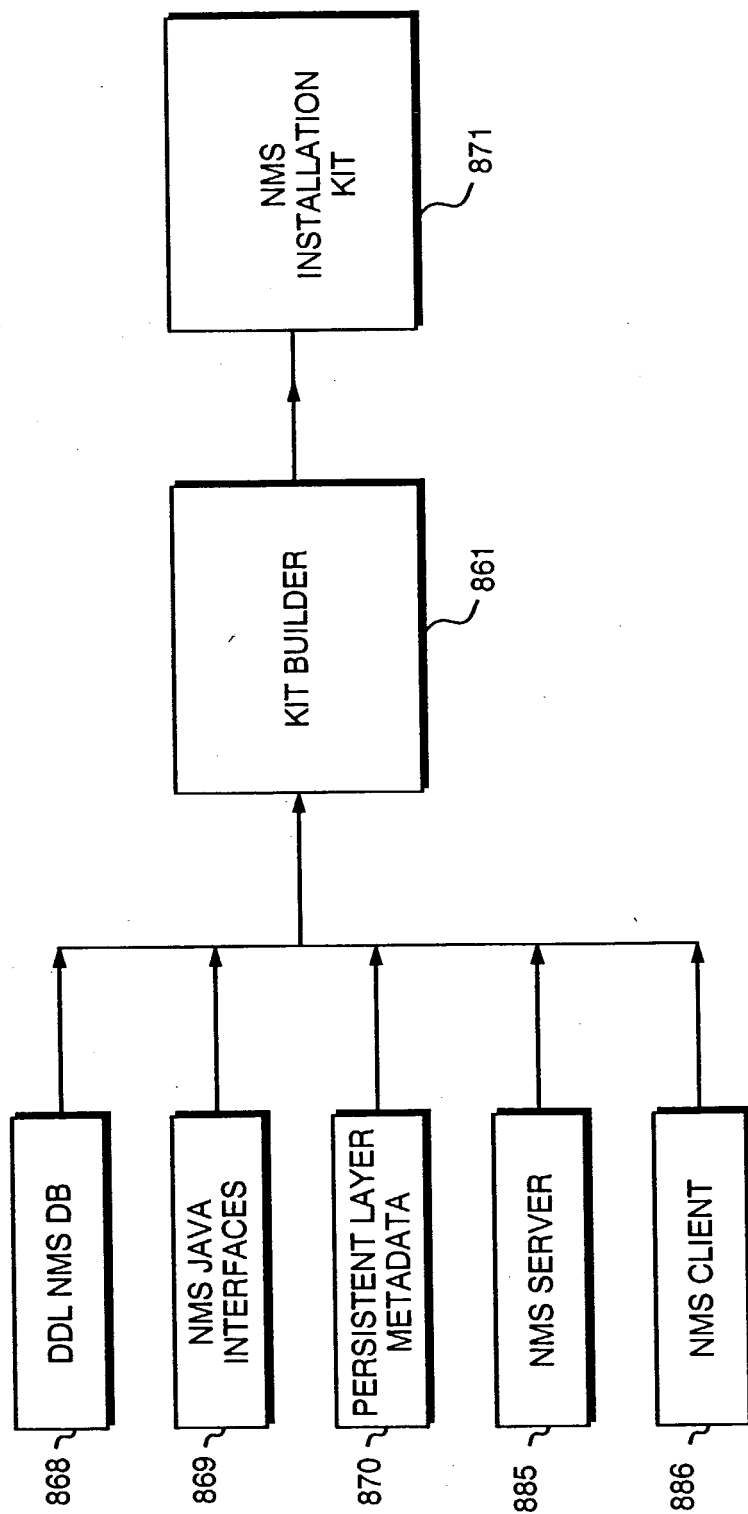


FIG. 3G

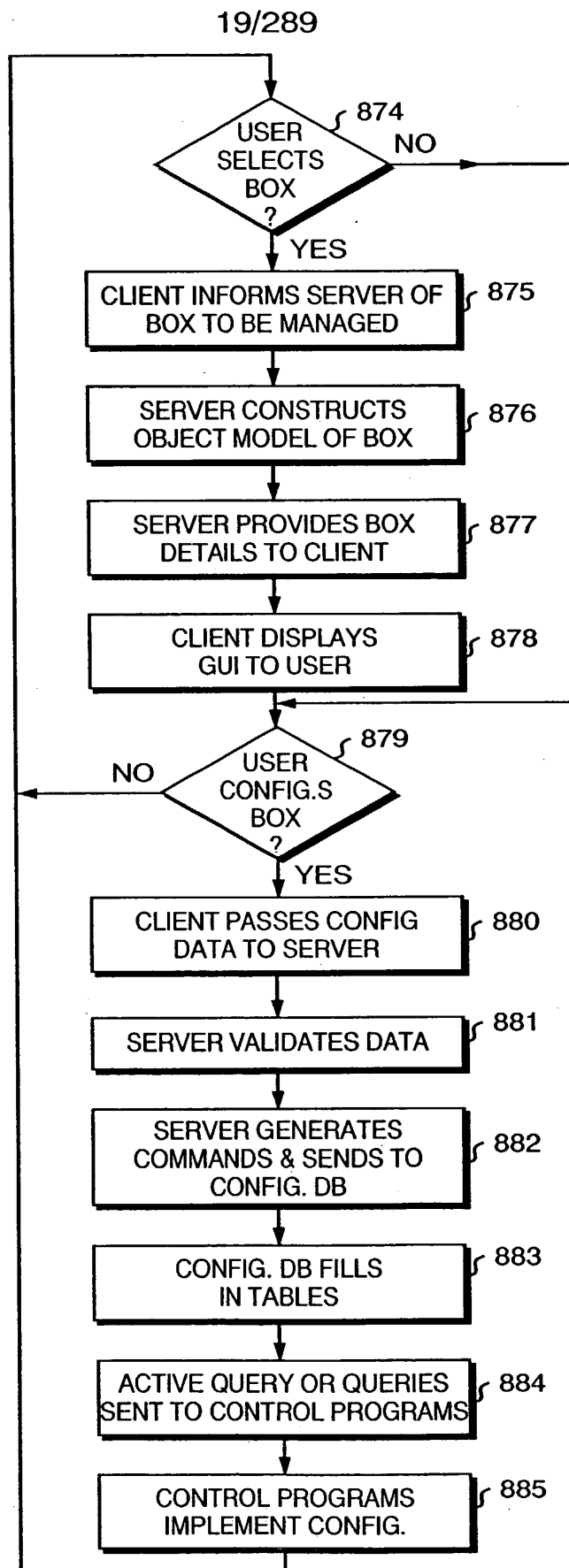


FIG. 3H

20/289

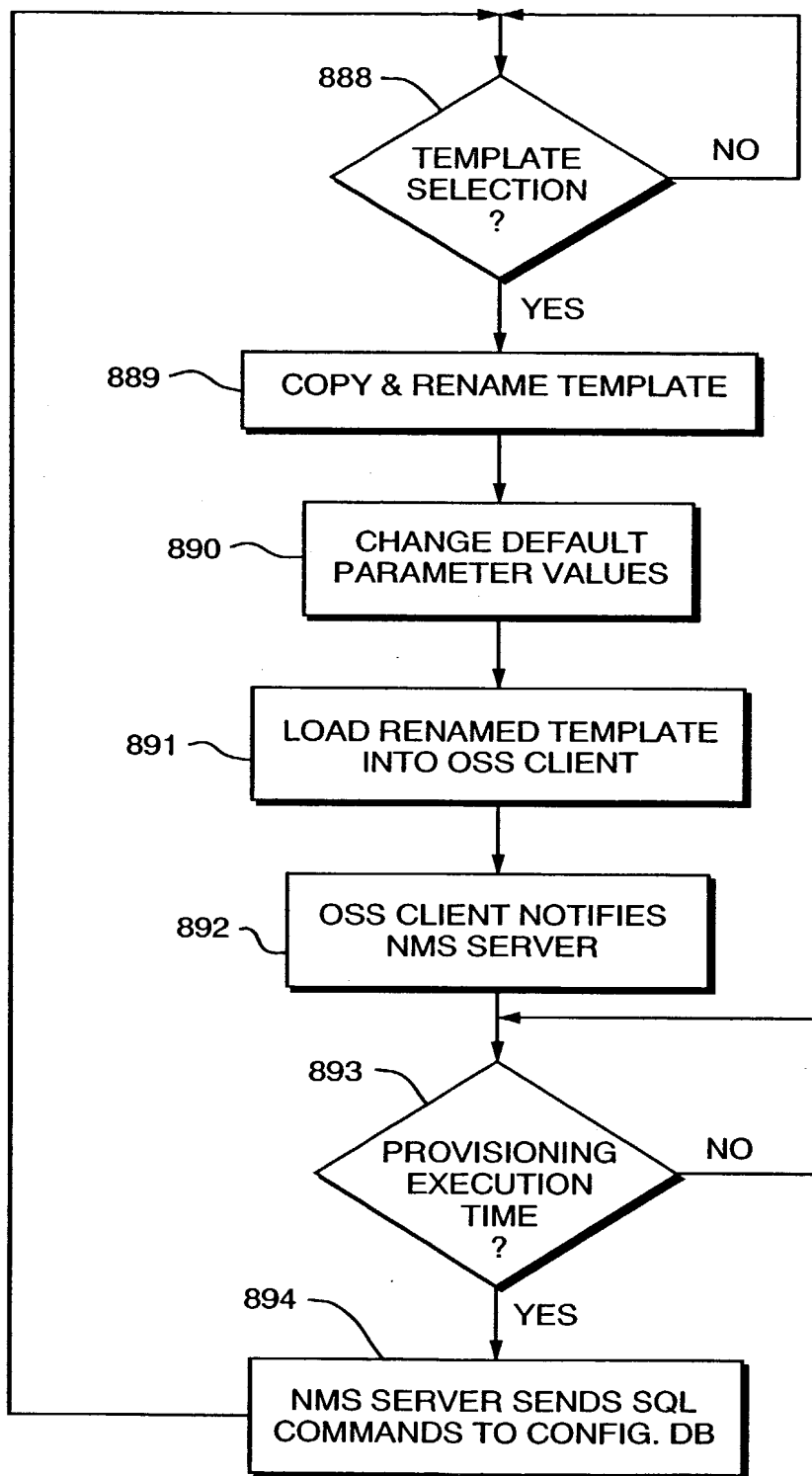


FIG. 3I

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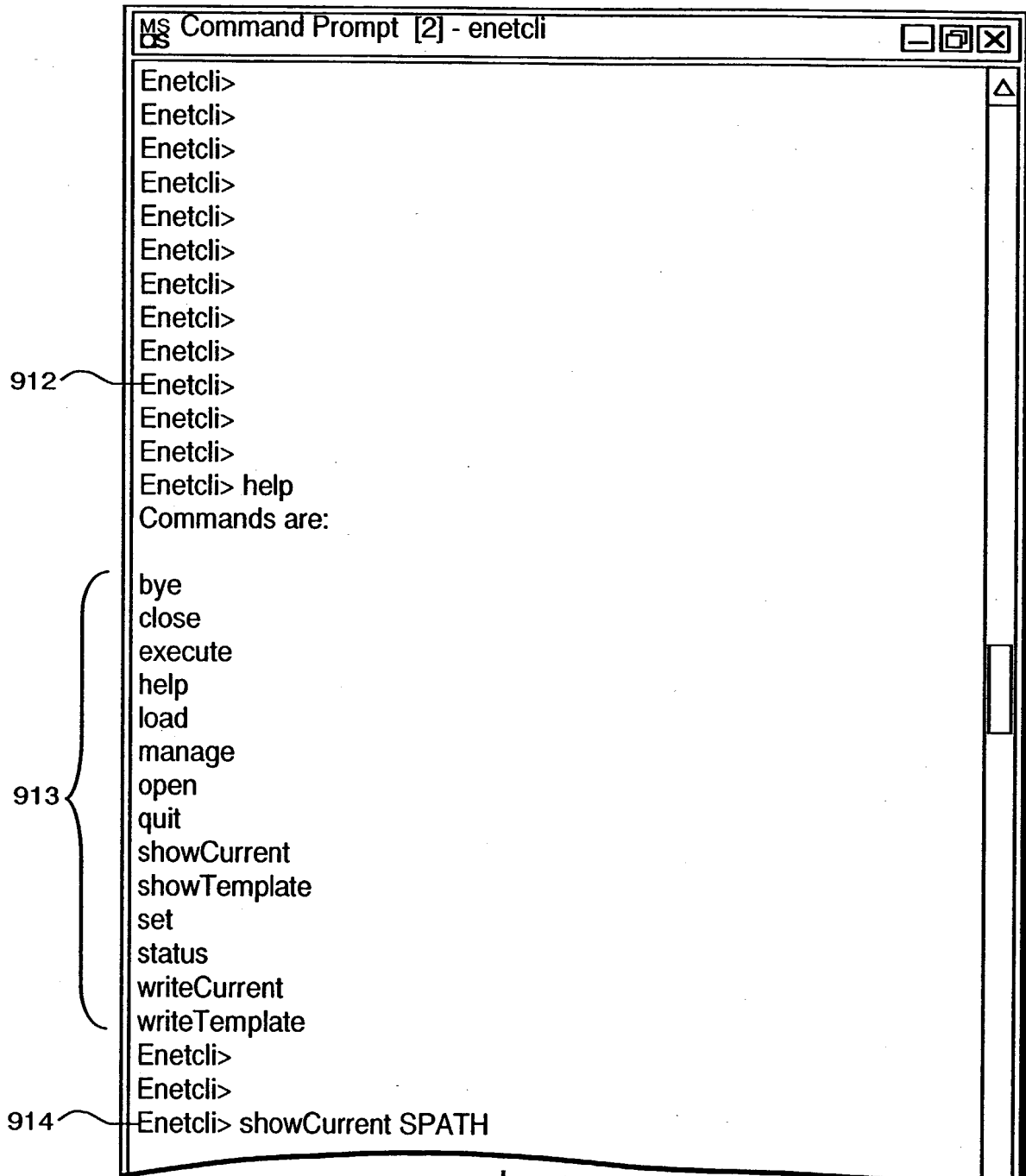


FIG. 3J

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FROM FIG. 3J

```
ATMIfName=ATMIf11/1/1
Concatenated=false
Name=Path11/1/1
Operant=SPATH
Operator=Create
PortID=1
Position=1
Service=ATM
ShelfID=11
SlotID=1
Type=Terminated
Version=V1_1_0_0
Width=STS3
Enetcli>
Enetcli>
Enetcli>
916 Enetcli> showTemplate SPATH
ATMIfName=<String>[TerminatedOnly]
Concatenated=<true:false>
Name=<String>
Operant=SPATH
Operator=<Create:Replace:Update:Delete>
PortID=<Integer><1-16>
Position=<Integer>
Service=<None :ATM>
ShelfID=<11[top],13[bottom]>
SlotID=<Integer><1-8>
Type=<switched :Terminated>
Version=V1_1_0_0
Width=<STS1:STS3:STS12:STS48>
Enetcli>
Enetcli>
918 Enetcli> status
919 Not currently connected to server
920 Supporting templates: CONTROL, PVC, SPATH, SPVC,TD, and VAIF
Enetcli>
```

FIG. 3K

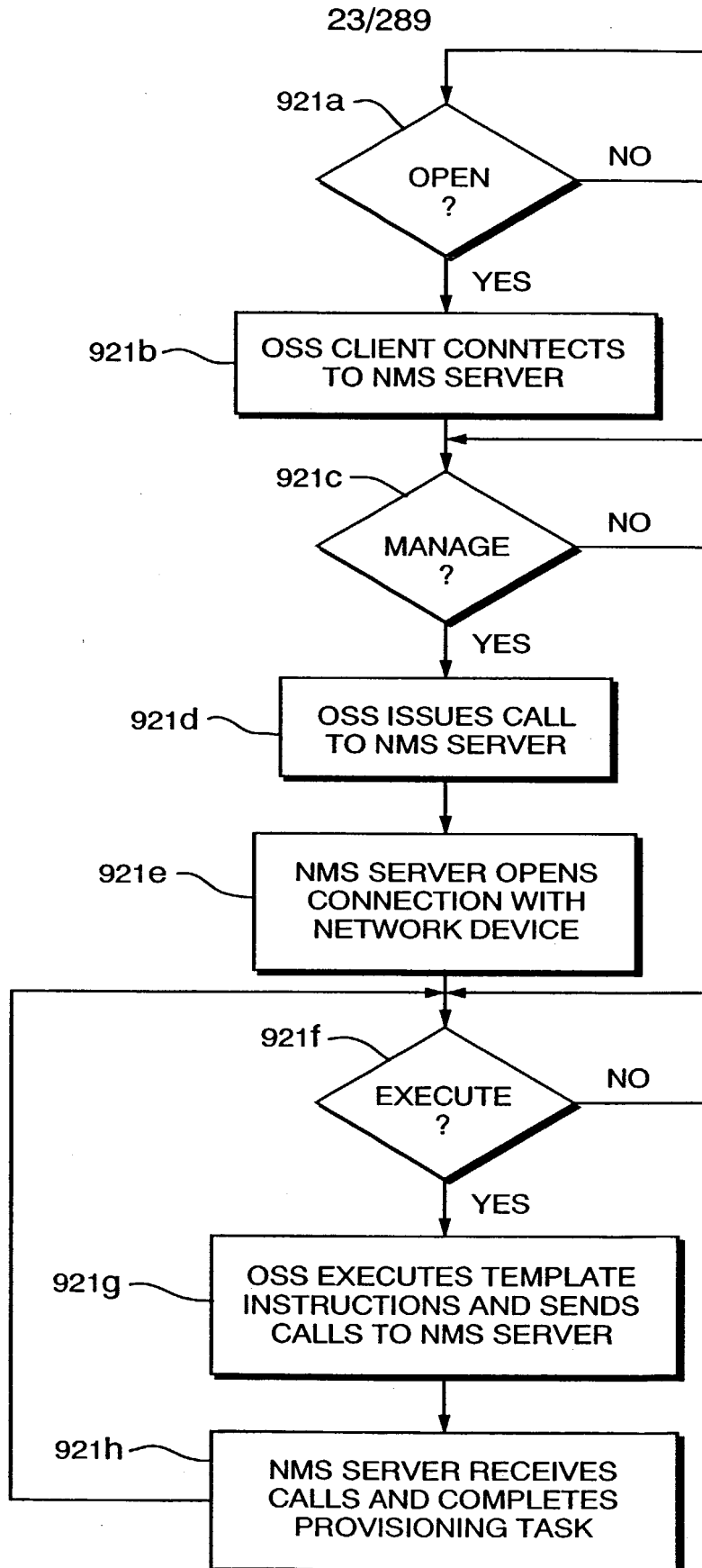


FIG. 3L

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```
MS Command Prompt [2] - enetcli
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
Enetcli>
922 Enetcli> showCurrent CONTROL
input=Q:\nms\com\equipecom\nms\utils\enetcli
Interactive=false
Operant=CONTROL
923d Operator=Manage
923f Output=Q:\nms\com\equipecom\nms\utils\enetcli
923c Password=None
923e System=192.168.9.202
923b User=None
923g Version=V1_1_0_0
923a Server=localhost
Enetcli>_
```

FIG. 3M

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BATCH

924



Operant=BATCH

Operator=Execute

Version=V1_1_0_0

- 924a ~ TASK1=execute-SPATH
- 924b ~ TASK2=execute-PVC
- 924c ~ TASK3=execute-SPVC
- 924d ~ TASK4=load-SPVC-spvc1
- 924e ~ TASK5=execute-SPVC
- 924f ~ TASK6=load-SPVC-spvc2
- 924e ~ TASK7=execute-SPVC
- .
- .
- 924g ~ TASK50=set-SPATH-PortID-3
- 924h ~ TASK51=execute-SPATH
- 924i ~ TASK52=set-SPATH-SlotID-2
- 924j ~ TASK53=execute-SPATH

FIG. 3N

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925

Operant=BATCH
Operator=Execute
Version=V1_1_0_0

925a ~ TASK1=execute-CONTROL
925b ~ TASK2=execute-SPATH
925c ~ TASK3=set-SPATH-PortID-3
925d ~ TASK4=execute-SPATH
.
.
.
925e ~ TASK61=set-CONTROL-System-192.168.9.201
925f ~ TASK62=execute-CONTROL
925g ~ TASK63=execute-SPATH
.
.
.
925h ~ TASK108=close
925i ~ TASK109=set-CONTROL-Server-Server1
925j ~ TASK110=set-CONTROL-System-192.168.8.200
925k ~ TASK111=execute-CONTROL
925l ~ TASK112=execute-SPATH
.
.
.

FIG. 30

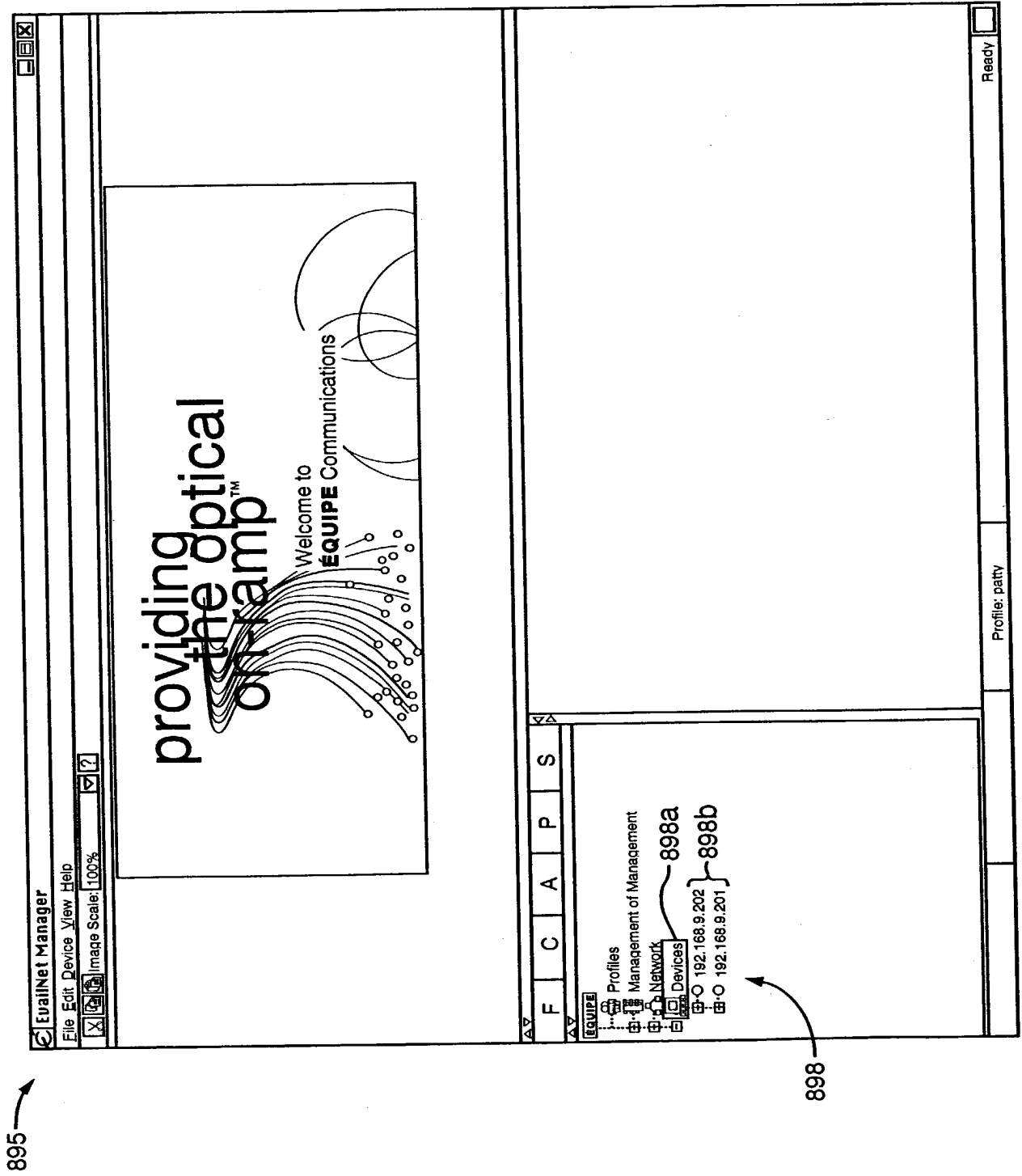


FIG. 4A

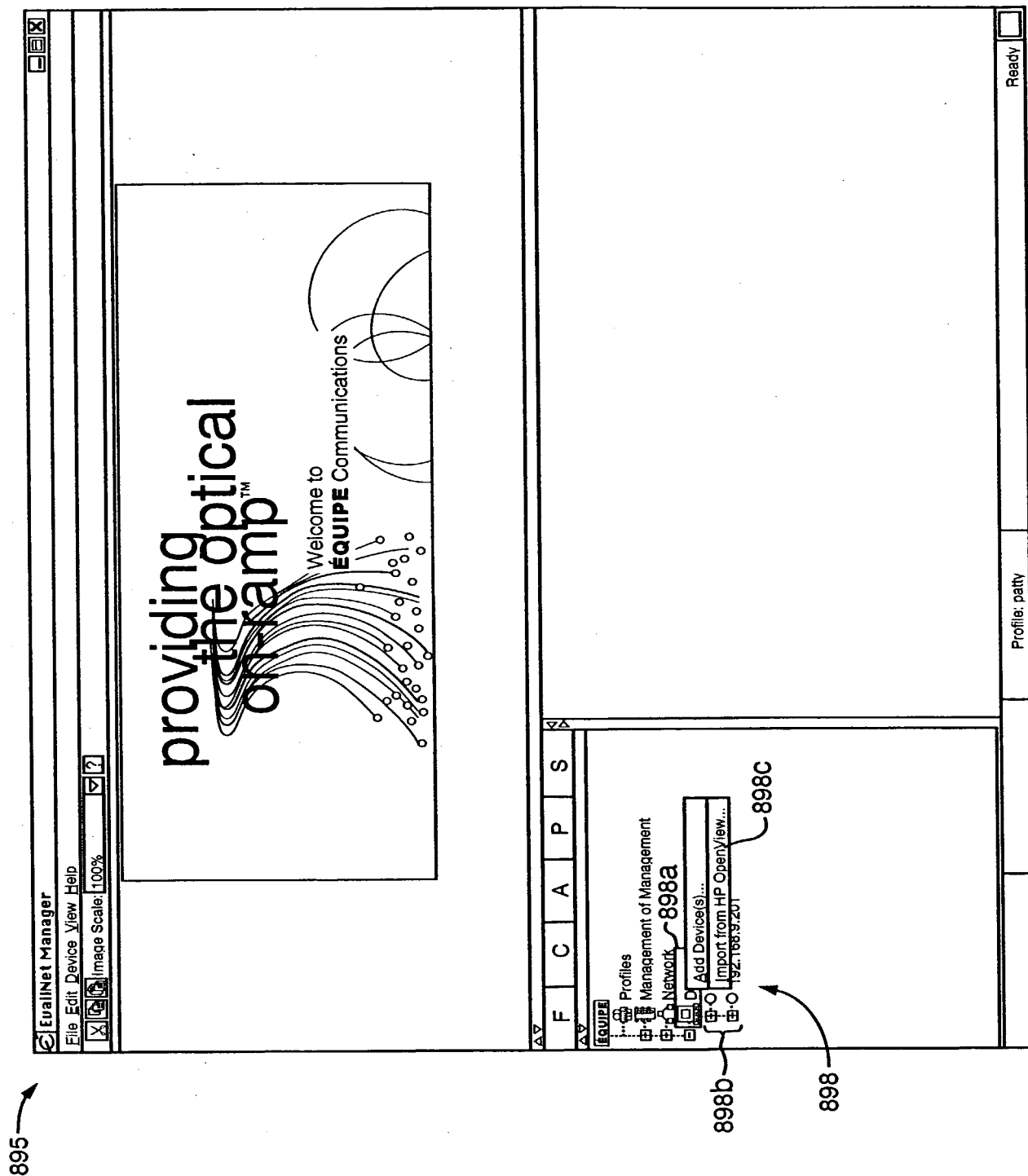


FIG. 4B

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The dialog box titled "AddDeleteDeviceDlg" contains the following elements:

- A text input field labeled "Enter device to add" (898e) containing the IP address "192.168.9.203".
- A checked checkbox labeled "Manage device in on-line mode".
- An "Add" button (898f).
- A "Device List" section containing an "On-Line Device" list box, which is currently empty.
- Buttons at the bottom: "OK", "Cancel", and "Delete".

The entire dialog box is labeled 898d.

FIG. 4C

The dialog box titled "AddDeleteDeviceDlg" contains the following elements:

- A text input field labeled "Enter device to add" (898e) which is empty.
- A checked checkbox labeled "Manage device in on-line mode".
- An "Add" button (898f).
- A "Device List" section containing an "On-Line Device" list box (898g) with one entry: a checked checkbox followed by the IP address "192.168.9.203".
- Buttons at the bottom: "OK" (898j), "Cancel", and "Delete" (898h).

The entire dialog box is labeled 898d. A bracket (898i) groups the "OK", "Cancel", and "Delete" buttons.

FIG. 4D

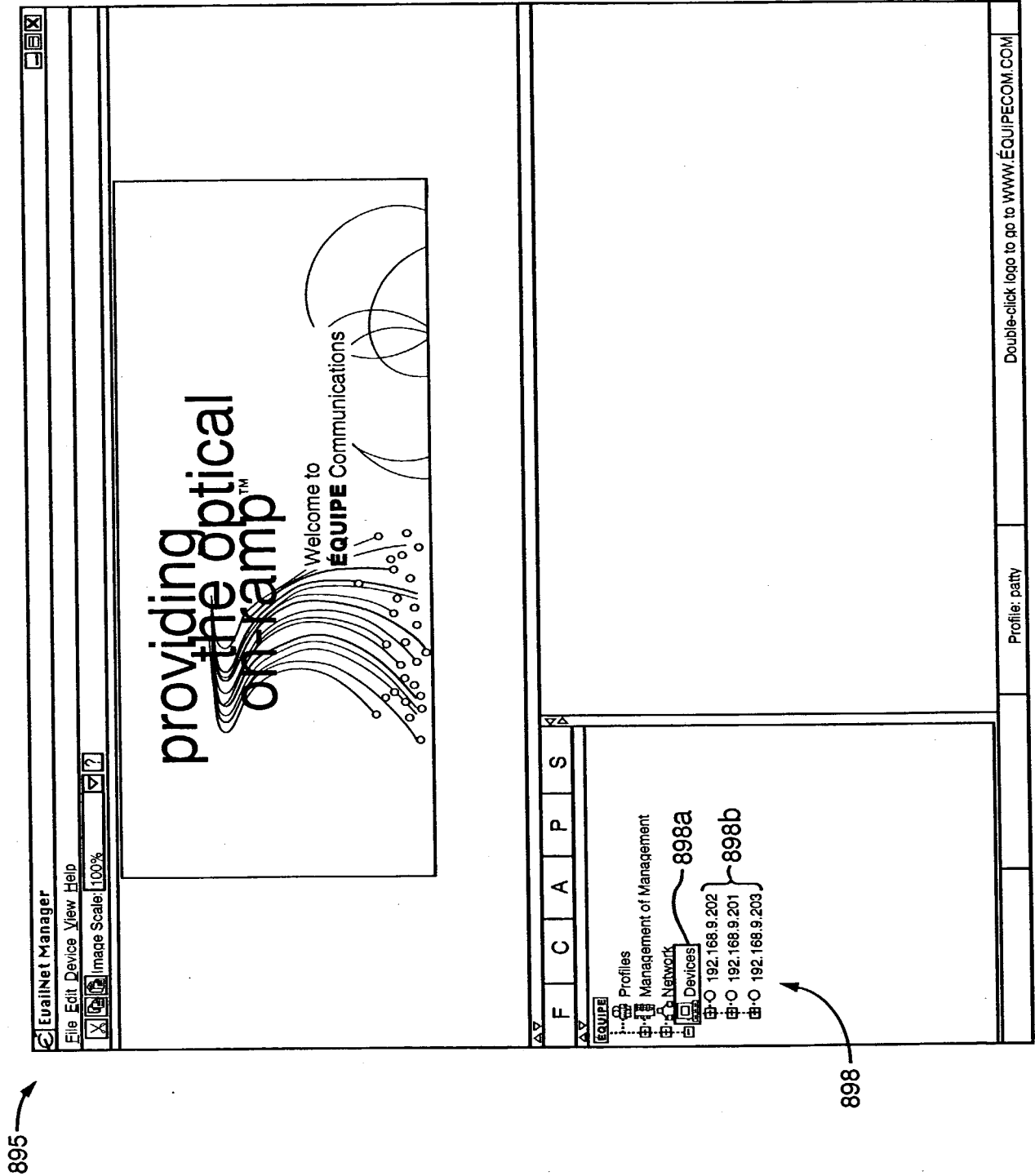


FIG. 4E

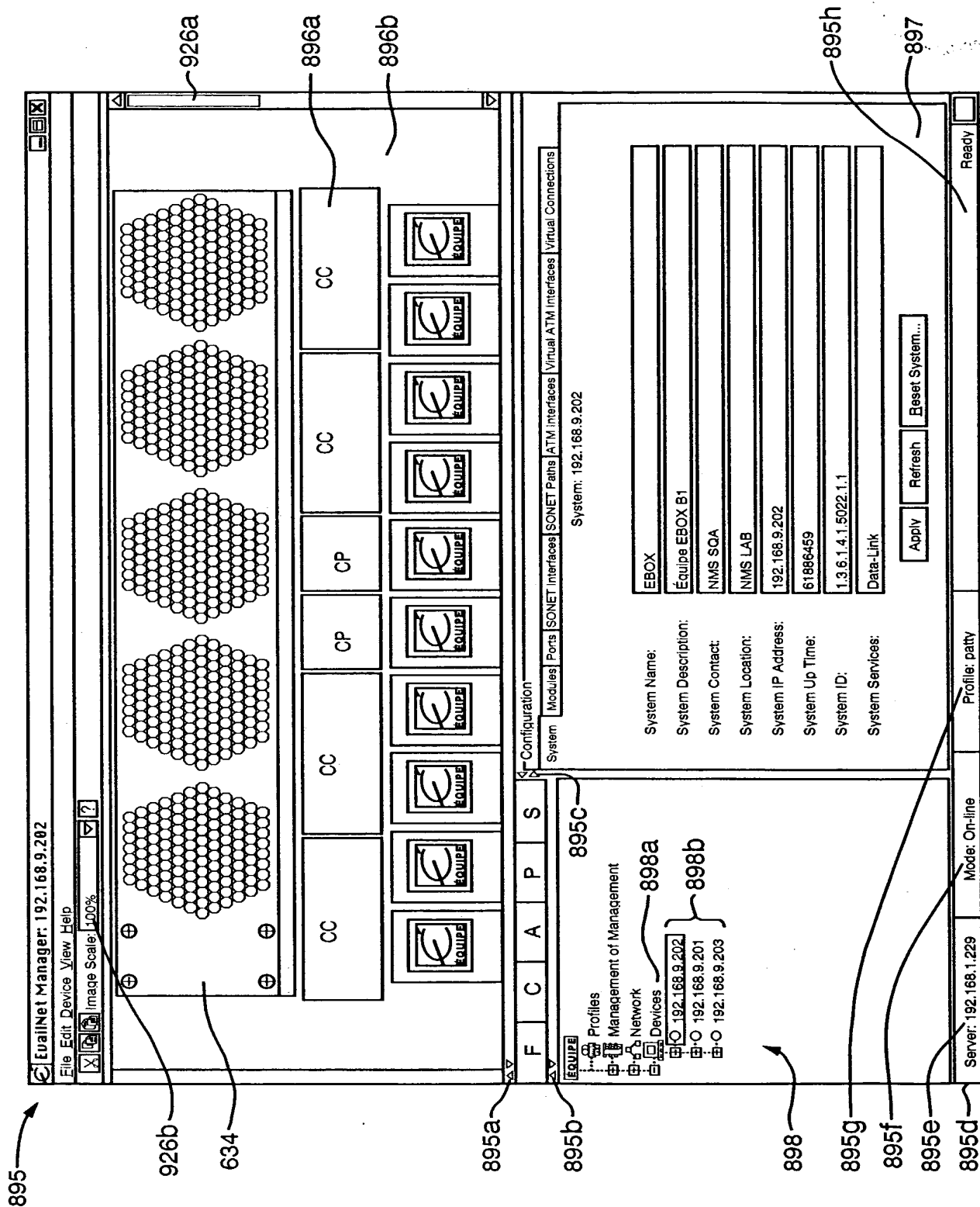


FIG. 4F

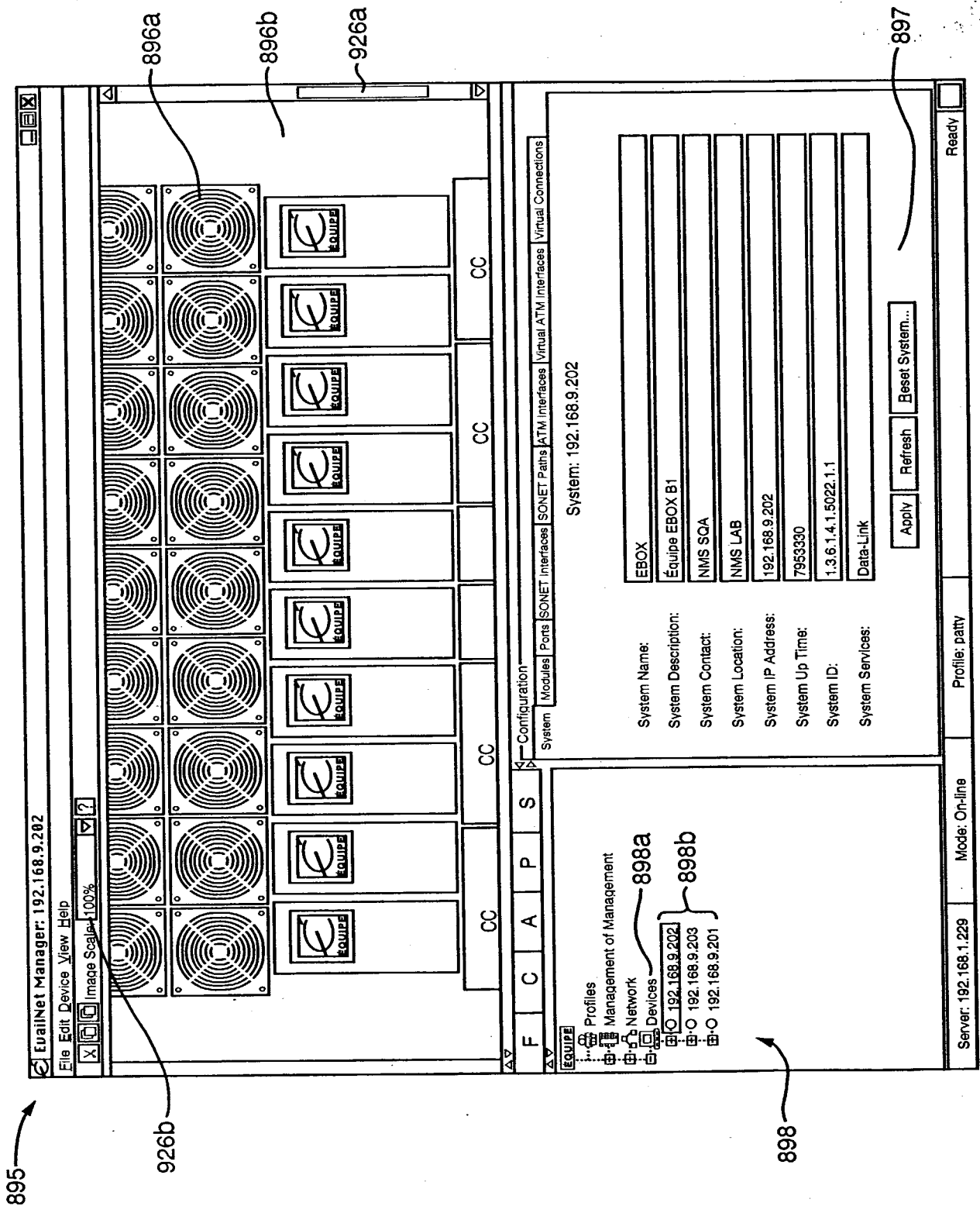


FIG. 4G

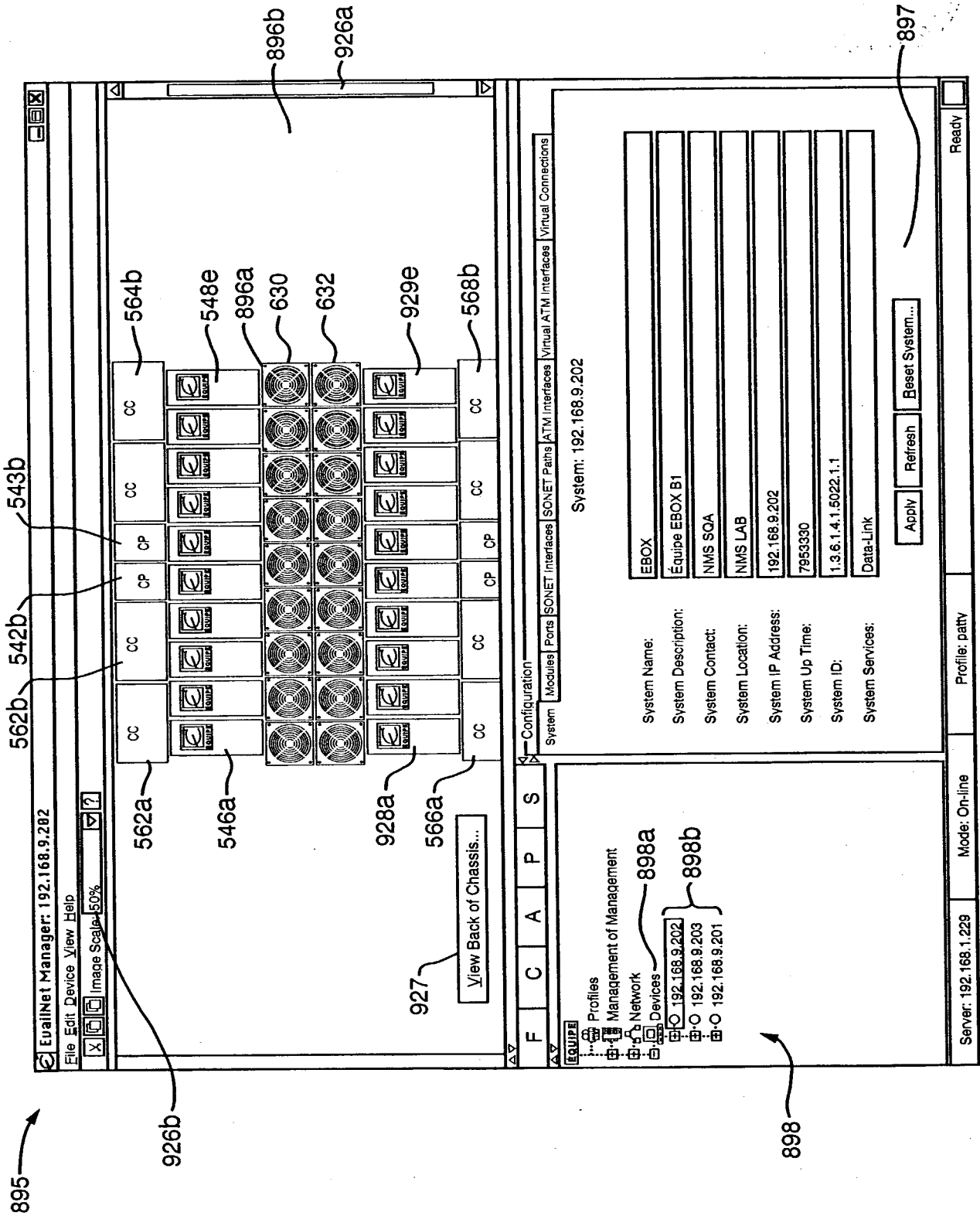


FIG. 4H

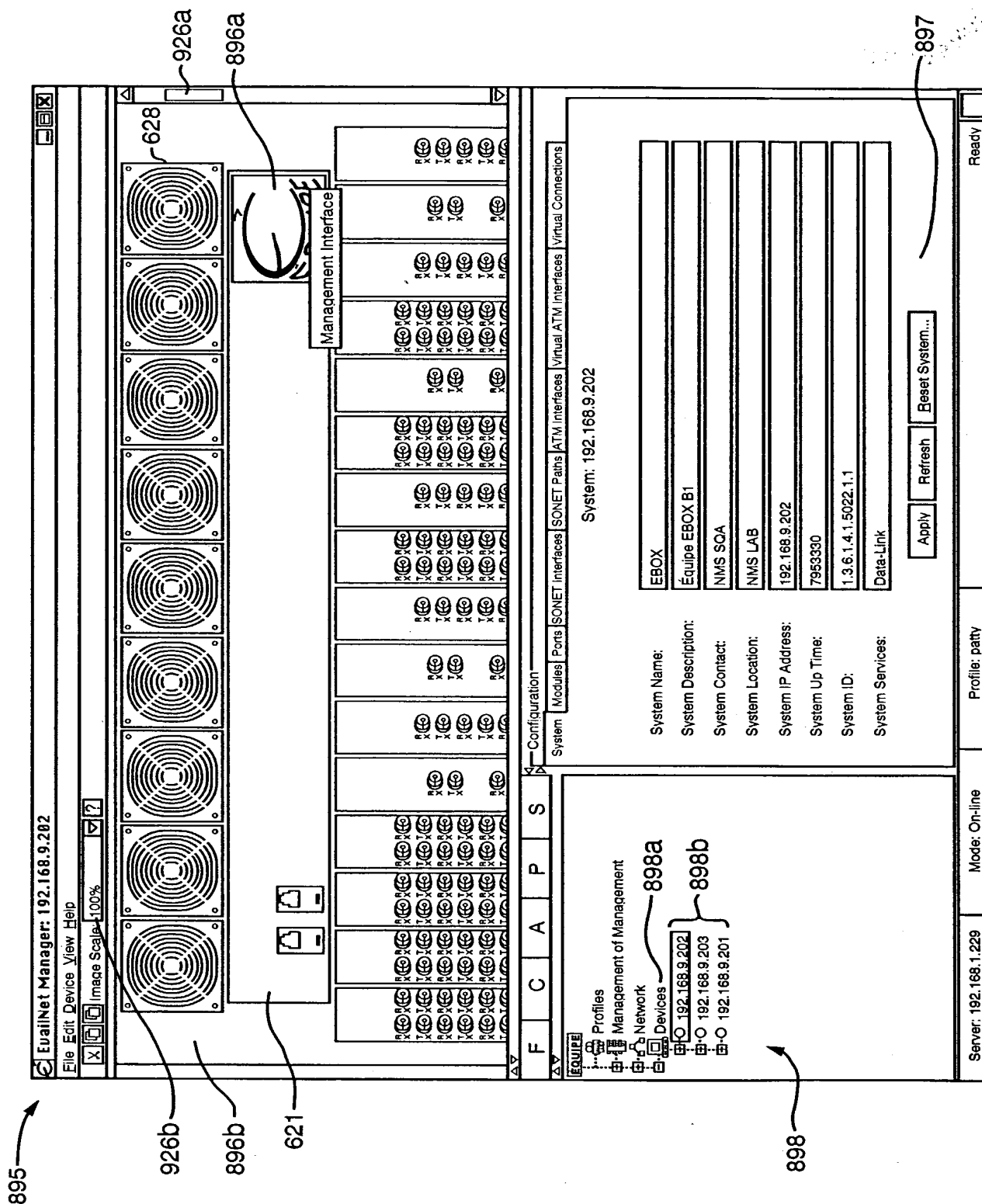


FIG. 4I

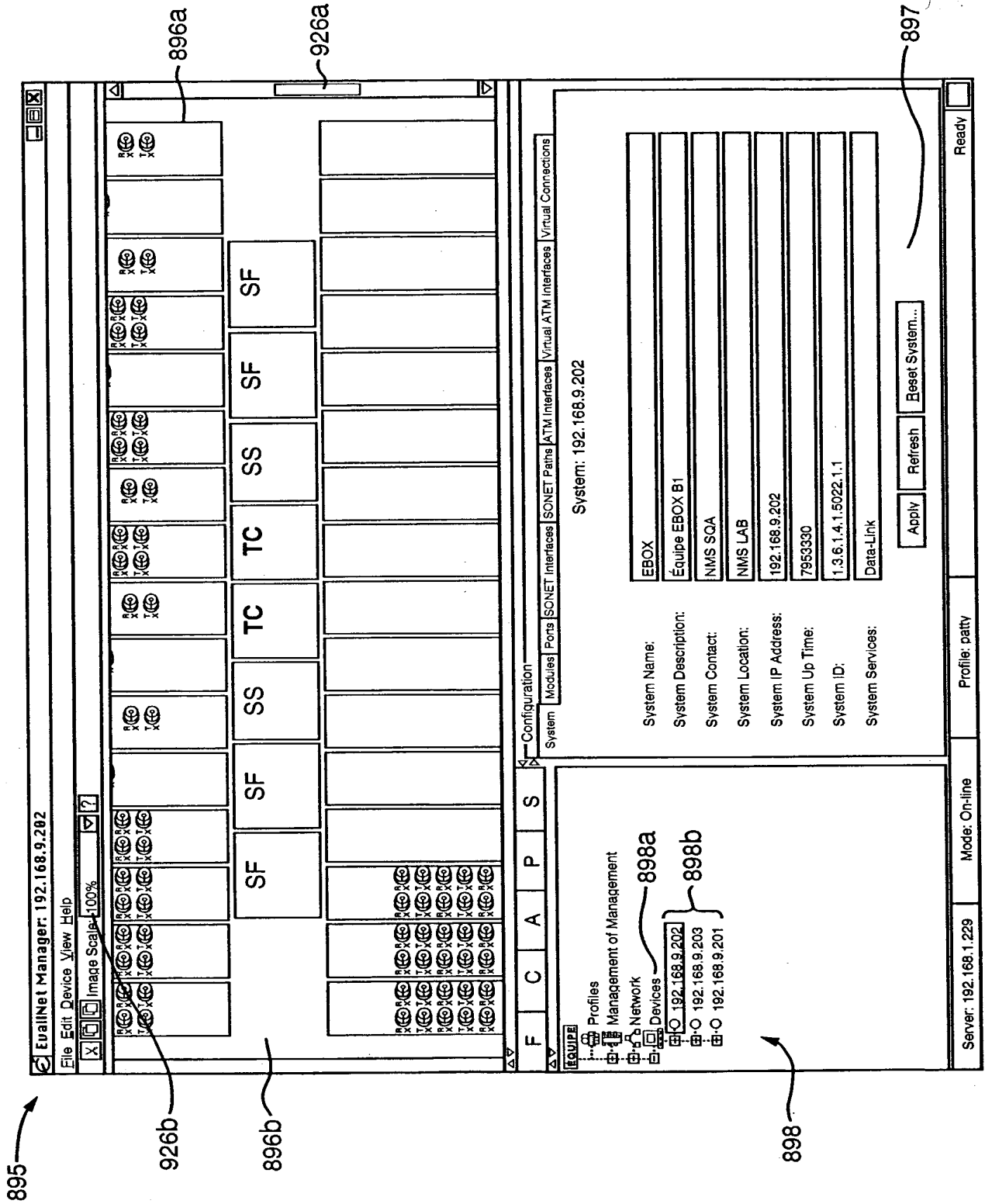


FIG. 4J

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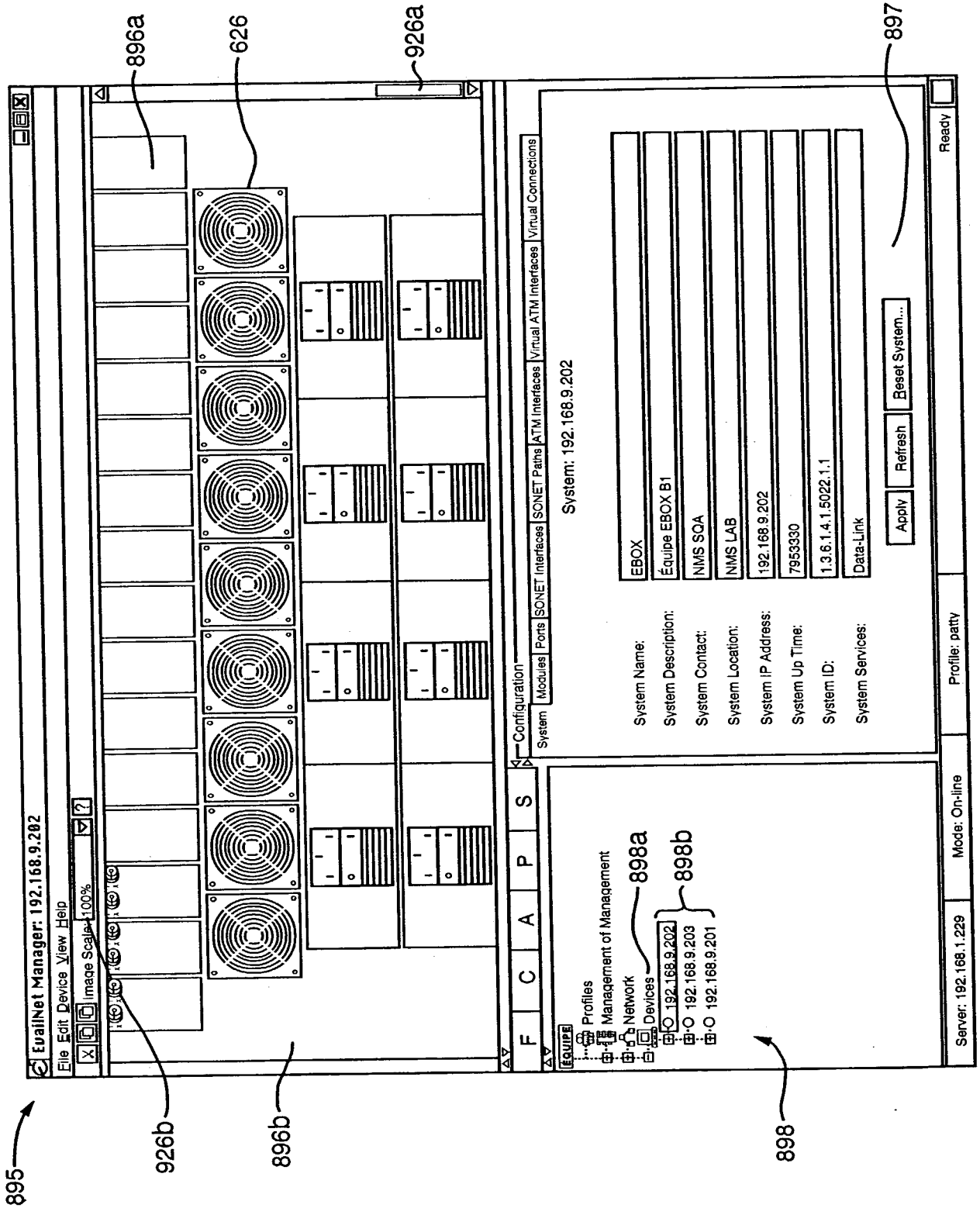


FIG. 4K

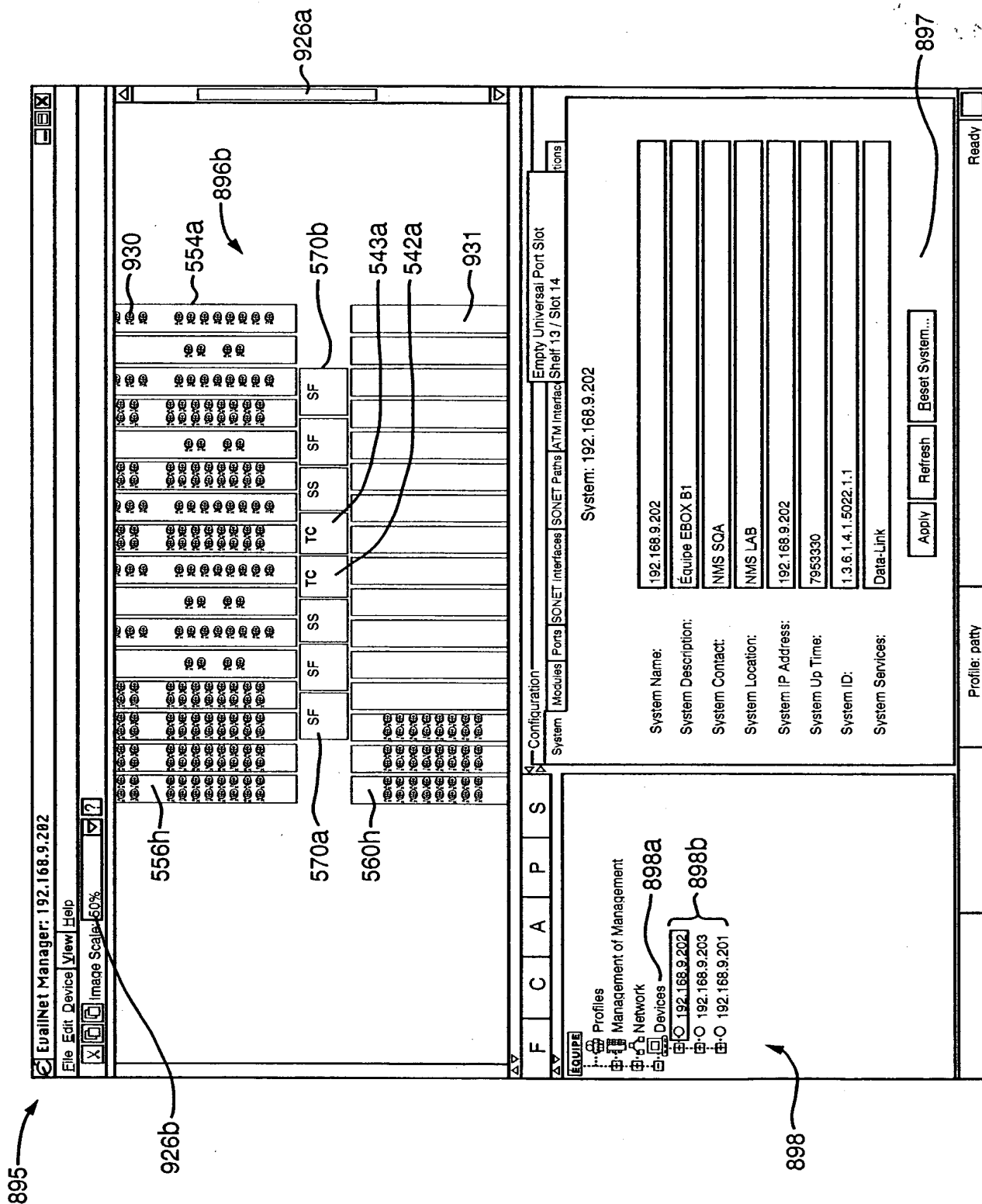


FIG. 4L

EvalNet Manager: 192.168.9.202

File Edit Device View Help

Imag Preferences Refresh Modules Toolbox System View

954

System: 192.168.9.202

System Name: 192.168.9.202

System Description: Équipe EBOX B1

System Contact: NMS SGA

System Location: NMS LAB

System IP Address: 192.168.9.202

System Up Time: 70507655

System ID: 1.3.6.1.4.1.5022.1.1

System Services: Data-Link

Apply Refresh Reset System...

Profile: patty

Ready

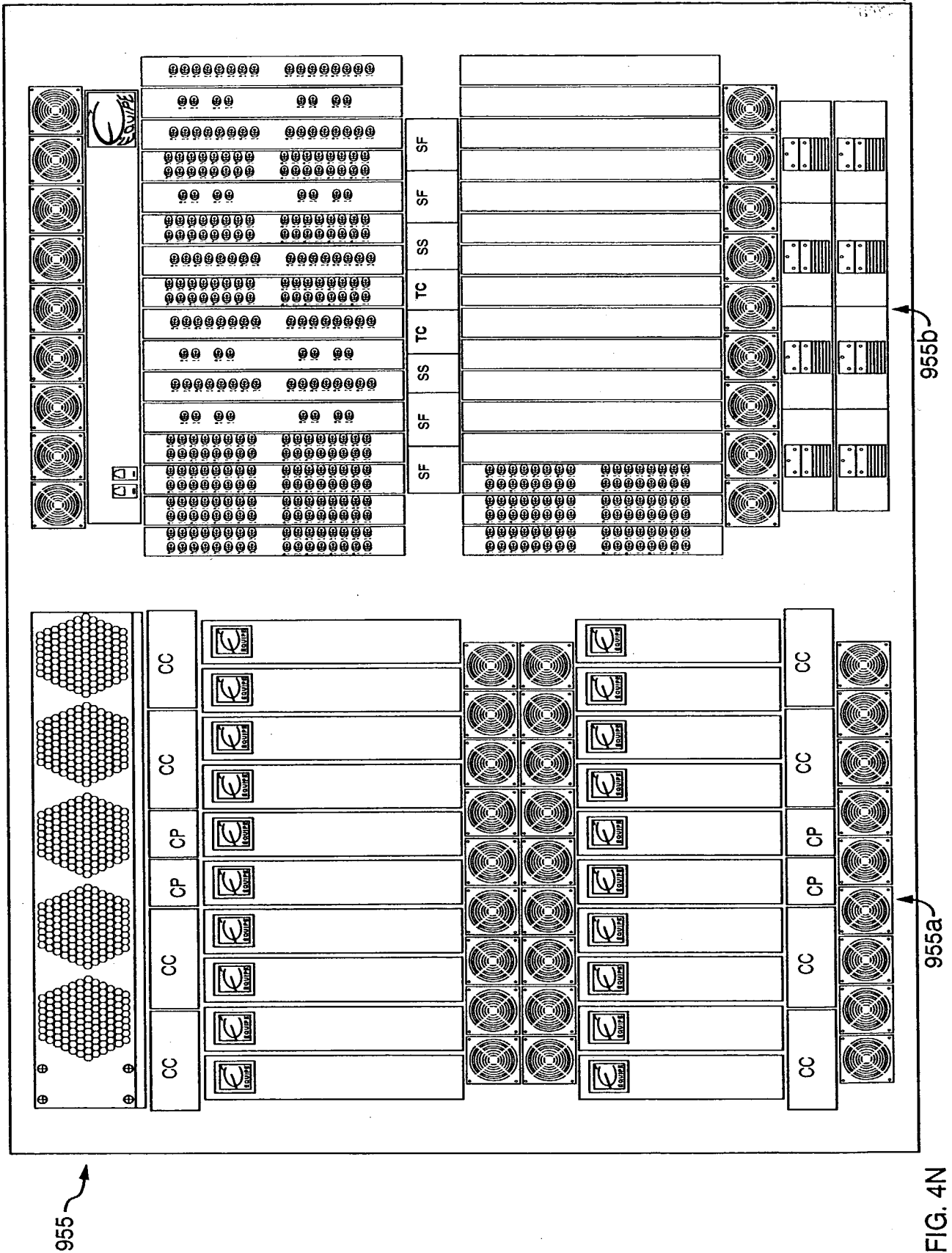
Configuration

System Modules Ports SONET Interfaces SONET Paths ATM Interfaces Virtual ATM Interfaces Virtual Connections

Profiles Management of Management Network Devices

192.168.9.202 192.168.9.201 192.168.9.203

FIG. 4M



40/289

895

556f

897

EvalNet Manager: 192.168.9.202

File Edit Device View Help

Image Scale: 100%

16 Port OC3 Universal Port Module 932A

Shelf 11/Slot 3

System: 192.168.9.202

Configuration

System Modules Ports SONET Interfaces ATM Interfaces Virtual ATM Interfaces Virtual Connections

System Name: EBOX

System Description: Équipe EBOX B1

System Contact: NMS SOA

System Location: NMS LAB

System IP Address: 192.168.9.202

System Up Time: 7953330

System ID: 1.3.6.1.4.1.5022.1.1

System Services: Data-Link

Apply Refresh Reset System...

Server: 192.168.1.229 Mode: On-line Profile: patty Ready

Profiles Management of Management Network Devices

192.168.9.202

192.168.9.203

192.168.9.201

FIG. 40

41/289

895

556e

897

EvalNet Manager: 192.168.9.282
File Edit Device View Help
Image Scale: 100%

16 Port OC12 Universal Port Module 9320
Shelf 11/Slot 4

F C A P S

Equipment
Profiles
Management of Management
Network
Devices
E-O 192.168.9.202
E-O 192.168.9.203
E-O 192.168.9.201

Configuration
System Modules Ports SONET Interfaces SSONET Paths ATM Interfaces Virtual ATM Interfaces Virtual Connections

System: 192.168.9.202

System Name: EBOX
System Description: Équipe EBOX B1
System Contact: NMS SQA
System Location: NMS LAB
System IP Address: 192.168.9.202
System Up Time: 7953330
System ID: 1.3.6.1.4.1.5022.1.1
System Services: Data-Link

Apply Refresh Reset System...

Server: 192.168.1.229 Mode: On-line Profile: patty Ready

FIG. 4P

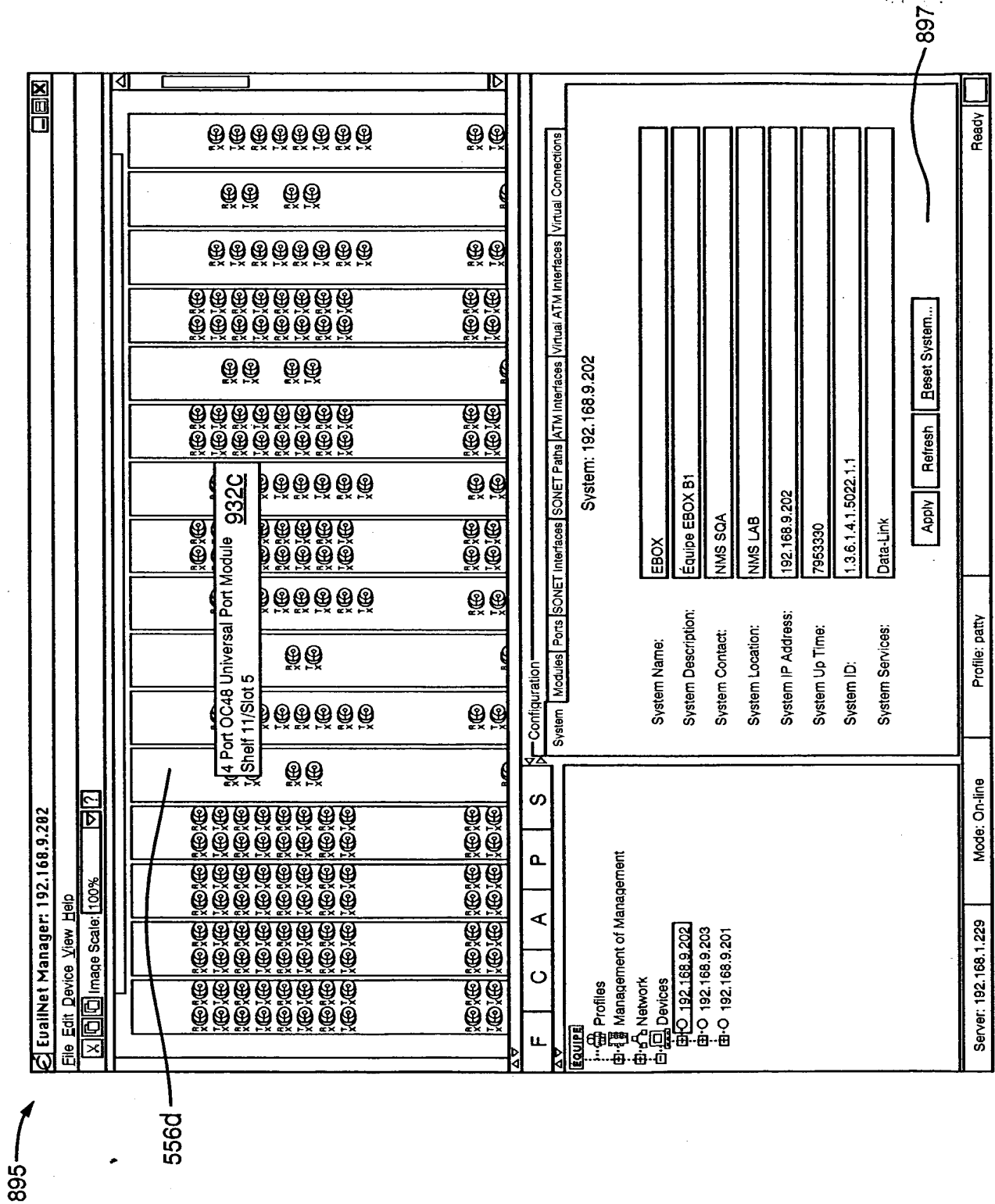
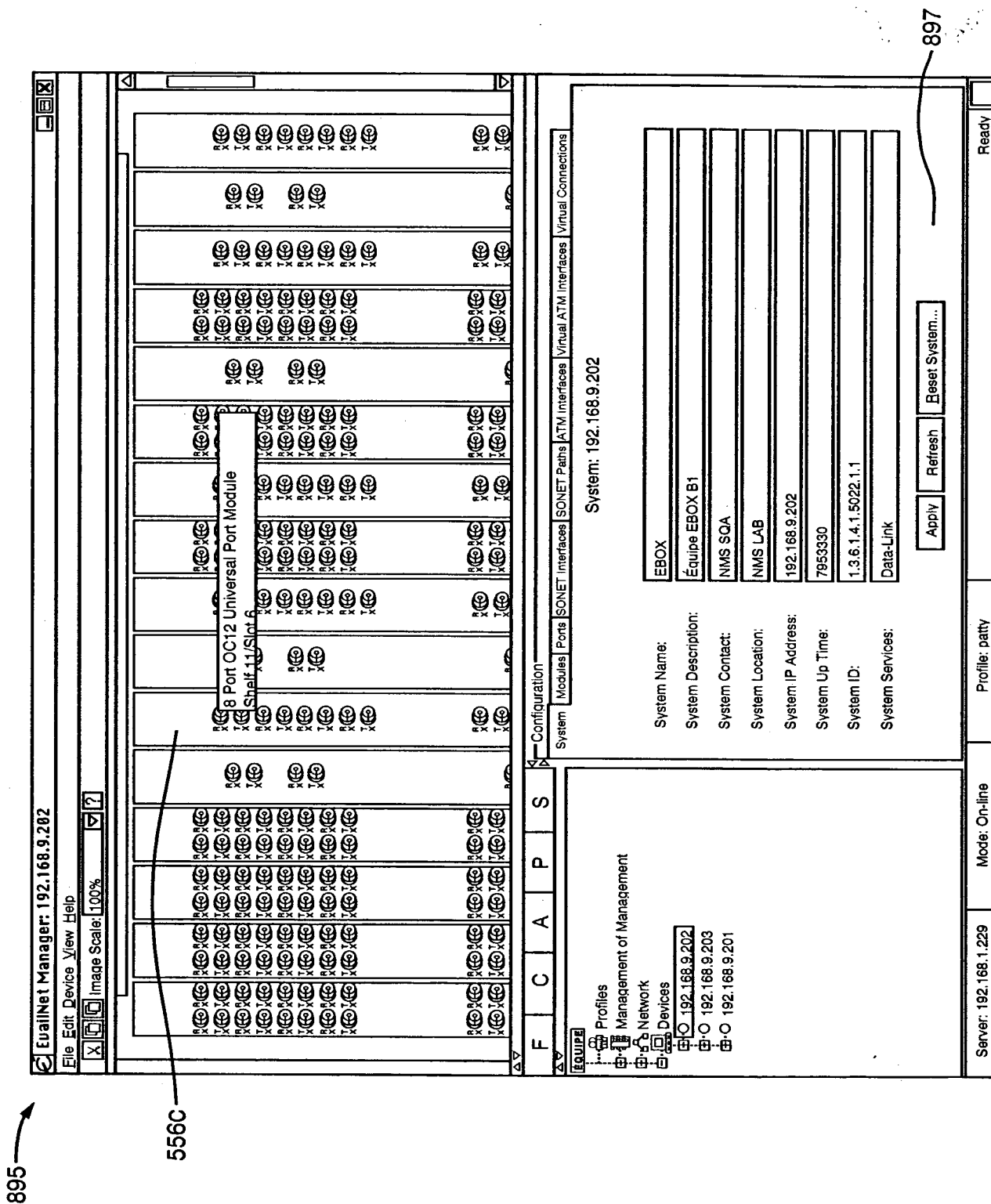


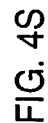
FIG. 4Q



5560

897

FIG. 4R



895

556d

896a

937

897

EvalNet Manager: 192.168.9.202
File Edit Device View Help
Image Scale: 100%

895

556d

896a

937

897

936

937

897

Configuration

System Modules Ports SONET Interfaces ATM Interfaces Virtual ATM Interfaces Virtual Connections

System: 192.168.9.202

Module Details

Shelf & Slot	Location	Description	Oper. Status	Temperature	Version	Mfg. Date	Part
7/6	front	Cross Connect	Status Unknown	Temp Unknown			
8/1	front	Small Fan Tray	Status Unknown	Temp Unknown			
9/1	back	Small Fan Tray	Status Unknown	Temp Unknown			
10/1	back	Management Interface	Status Unknown	Temp Unknown			
11/1	back	16 Port OC3 Universal Port	Status Unknown	Temp Unknown			
11/2	back	16 Port OC3 Universal Port	Status Unknown	Temp Unknown			
11/3	back	16 Port OC3 Universal Port	Status Unknown	Temp Unknown			
11/4	back	16 Port OC12 Universal Port	Status Unknown	Temp Unknown			
11/5	back	4 Port OC48 Universal Port	Status Unknown	Temp Unknown			
11/6	back	8 Port OC12 Universal Port	Status Unknown	Temp Unknown			
11/7	back	4 Port OC48 Universal Port	Status Unknown	Temp Unknown			
11/8	back	8 Port OC12 Universal Port	Status Unknown	Temp Unknown			
11/9	back	16 Port OC12 Universal Port	Status Unknown	Temp Unknown			
11/10	back	16 Port OC12 Universal Port	Status Unknown	Temp Unknown			

Module Count: 64

Refresh Reset Module(s) Software...

Equipment

Profiles Management of Management Management of Network Management of Devices

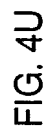
192.168.9.202 192.168.9.203 192.168.9.201

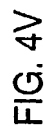
Server: 192.168.1.229 Mode: On-line

Profile: patty

Ready

FIG. 4T





895

896a

897

942C

EvalNet Manager: 192.168.9.202

File Edit Device View Help

Image Scale: 100%

Configuration

System Modules Ports SONET Interfaces SONET Paths ATM Interfaces Virtual ATM Interfaces Virtual Connections

SONET Paths

System: 192.168.9.202

942 946 947 948

SONET Line Path Name Path Position Path Width Path Type Service Ingress Connection Egress Connection

SONET Path Count: 0

Delete Refresh Diagnostics... Trace... ATMIFs

Server: 192.168.1.229 Mode: On-line Profile: patty Ready

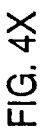
Equip Profiles Management of Management Network Devices

192.168.9.203

192.168.9.201

192.168.9.202

FIG. 4W



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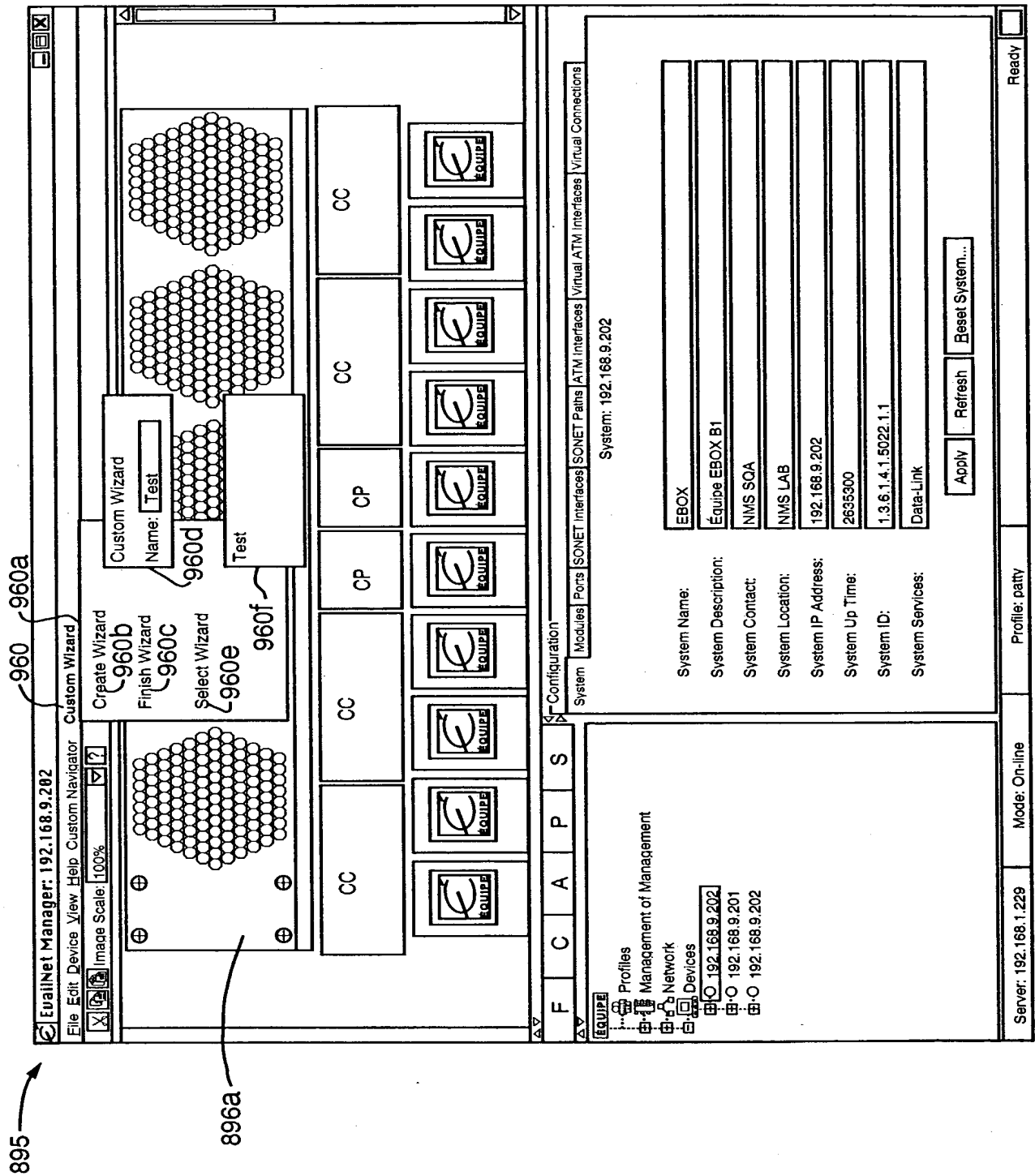


FIG. 4Y

961

EvaiNet Manager: SONET Path Configuration 11/5/1

X

System: 192.168.9.202

SONET Line

961a

Slot Port Type

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)

☐ Configure

4

STS-12c

paths

☐ Custom Configuration

Next

Cancel

961b

FIG. 4Z

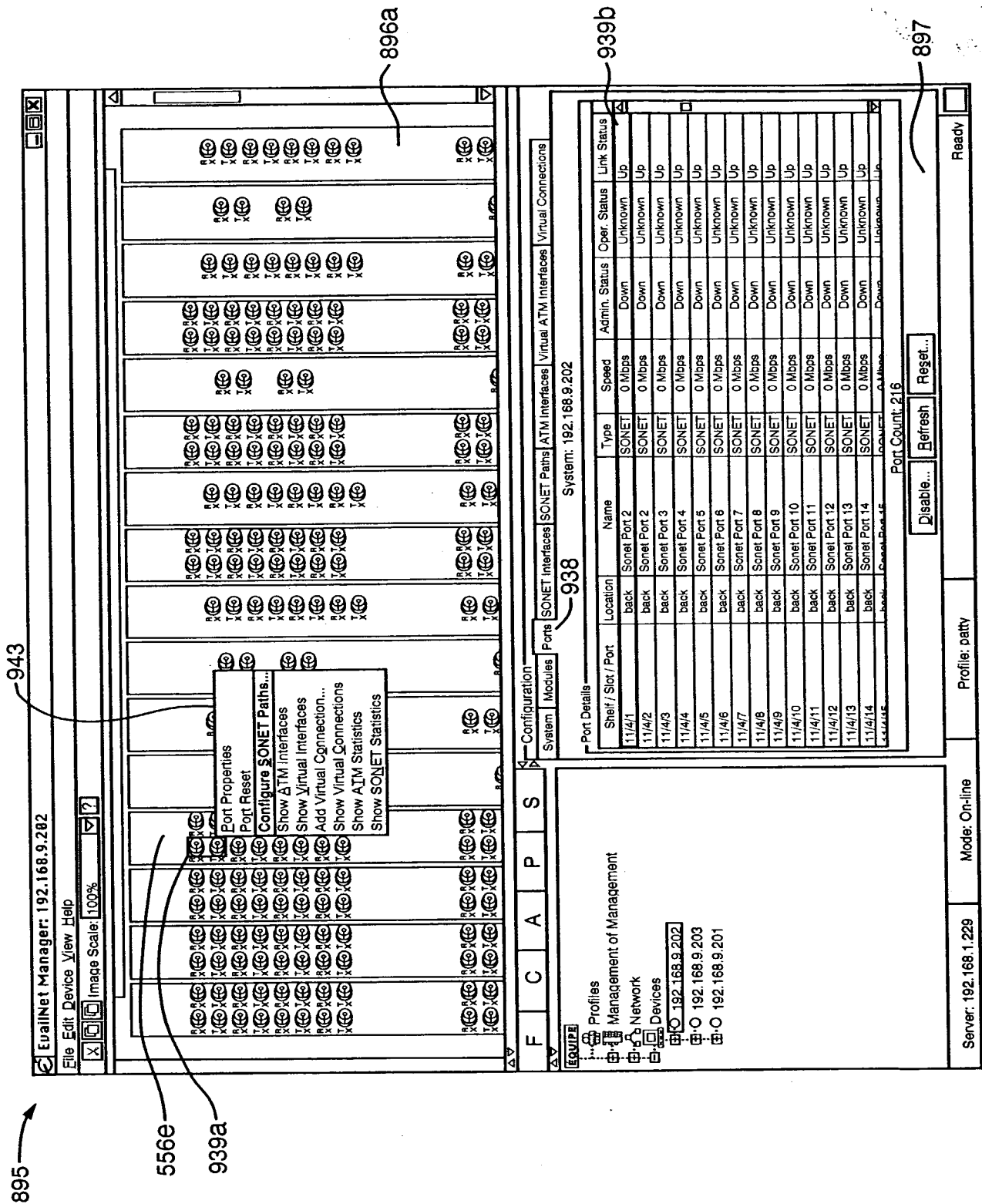


FIG. 5A

Figure 1 is a screenshot of a graphical user interface (GUI) for configuring a SONET Path. The window is titled "EvailNet Manager: SONET Path Configuration - 11/4/1". It displays "System: 192.168.9.202". The "SONET Line" section shows "Slot 4", "Port 1", and "Type OC12". The "SONET Path Wizard" section has three radio buttons: "Configure a single concatenated path (STS-12c)" (selected), "Configure", and "Custom Configuration". Below these are dropdown menus for "4", "STS-3c", and "paths". At the bottom are "OK" and "Cancel" buttons.

FIG. 5B

EvailNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4 Port 1 Type OC12

SONET Path Wizard

☒ Configure a single concatenated path (STS-12c)

☐ Configure

☐ Custom Configuration

4

STS-3c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/4/1	1	STS-12c	Termin.	ATM		

Modify

OK Cancel

FIG. 5C

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944

EvaiNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4 Port 1 Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☒ Configure

☐ Custom Configuration

4

STS-3c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/...	1	STS-3c	Termin.	ATM		
11/4/1	Path2_11/...	4	STS-3c	Termin.	ATM		
11/4/1	Path3_11/...	7	STS-3c	Termin.	ATM		
11/4/1	Path4_11/...	10	STS-3c	Termin.	ATM		

Graphical Representation

Position	Width
1	STS-3c
4	STS-3c
7	STS-3c
10	STS-3c

944a

944c

944g

944r

944t

944e

944f

944p

944q

OK

Cancel

Modify

FIG. 5D

EvaiNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot 4 Port 1 Type OC12

SONET Path Wizard

☐ Configure a single concatenated path (STS-12c)

☒ Configure

☐ Custom Configuration

1

STS-12c

paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/4/1	Path1_11/...	1	STS-12c	Termin.	ATM		

Modify

OK Cancel

Graphical Representation

Position Width

1

STS-12c

FIG. 5E

FIG. 5F

FIG. 5F

EvalNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot: 4 Port: 1 Type: OC12

Path Table

SONET Line	Path Name	Path Position	Path Width	Path Type	Service	Ingress Co...	Egress Co...
Shelf11/Sl...	Path1_11/...	1	3	2	1		
Shelf11/Sl...	Path2_11/...	4	3	2	1		

Graphical Representation

Position: 1, 4 Width: STS-3C, STS-3C

945a, 945g, 945k, 944p, 945r, 945n, 945e

FIG. 5G

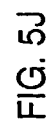


FIG. 5H

895-

898

FIG. 51



EvalNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5 Port 2 Type OC48

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)
☒ Configure
☐ Custom Configuration

paths

4

Ok Cancel

FIG. 5K

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EvallNet Manager: SONET Path Configuration - 11/5/2

✕

SONET Line

Slot 5

Port 2

Type OC48

Graphical Representation

Position

Width

1

STS-48C

SONET Path Wizard

☒ **Configure a single concatenated path (STS-48c)**
☐ Configure
☐ Custom Configuration

4

▽
STS-12C

▽
paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/5/2	1	STS-48c	Termin.	ATM		

Modify

OK
Cancel

FIG. 5L

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944 ☐ EvalNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot Port Type 944a

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c) 944b

☒ **Configure** 944c

☐ Custom Configuration 944d

4 paths 944t

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/...	1	STS-12c	Termin.	ATM		
11/5/2	Path2_11/...	13	STS-12c	Termin.	ATM		
11/5/2	Path3_11/...	25	STS-12c	Termin.	ATM		
11/5/2	Path4_11/...	37	STS-12c	Termin.	ATM		

Modify

OK Cancel

Graphical Representation

Position Width

1 13 25 37

STS-12c STS-12c STS-12c STS-12c

944e 944f

FIG. 5M

65/289

944

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot Port Type

SONET Path Wizard

☐ Configure a single concatenated path (STS-48c)
☒ **Configure**
☐ Custom Configuration

1 1 4 16

STS-48c 944s 944t paths

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/...	1	STS-48c	Termin.	ATM		

944p Modify

944r OK 944q Cancel

Graphical Representation

Position Width

1 STS-48c

944e 944f

FIG. 5N

EvailNet Manager: SONET Path Configuration - 11/5/2

System: 192.168.9.202

SONET Line

Slot 5 Port 2 Type OC48

SONET Path Wizard

Configure

16

paths

Configure a single concatenated path (STS-48c)

Custom Configuration

Path Table

SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/5/2	Path1_11/5/2	1	STS-3c	Termin.	ATM		
11/5/2	Path2_11/5/2	4	STS-3c	Termin.	ATM		
11/5/2	Path3_11/5/2	7	STS-3c	Termin.	ATM		
11/5/2	Path4_11/5/2	10	STS-3c	Termin.	ATM		
11/5/2	Path5_11/5/2	13	STS-3c	Termin.	ATM		
11/5/2	Path6_11/5/2	16	STS-3c	Termin.	ATM		
11/5/2	Path7_11/5/2	19	STS-3c	Termin.	ATM		

Graphical Representation

Position

Width

STS-3C

944p

Modify

944r

OK

Cancel

944q

FIG. 50

EvalNet Manager: SONET Path Configuration - 11/4/1

System: 192.168.9.202

SONET Line

Slot: 5 Port: 2 Type: OC48

SONET Path Wizard

Configure a single concatenated path (STS-12c)

Configure: 16 paths

Custom Configuration

Functions

Available SONET Paths

STS-3C
STS-12C

Add > < Remove << Clear

Allocated SONET Paths

STS-3C
STS-3C
STS-3C
STS-3C
STS-12C

Path Table

SONET Line	Path Name	Path Position	Path Width	Path Type	Service	Ingress Co...	Egress Co...
11/5/2	Path1_11/...	1	STS-3c	Terminated	ATM		
11/5/2	Path2_11/...	4	STS-3c	Terminated	ATM		
11/5/2	Path3_11/...	7		Terminated	ATM		

OK Cancel

FIG. 5P

68/289

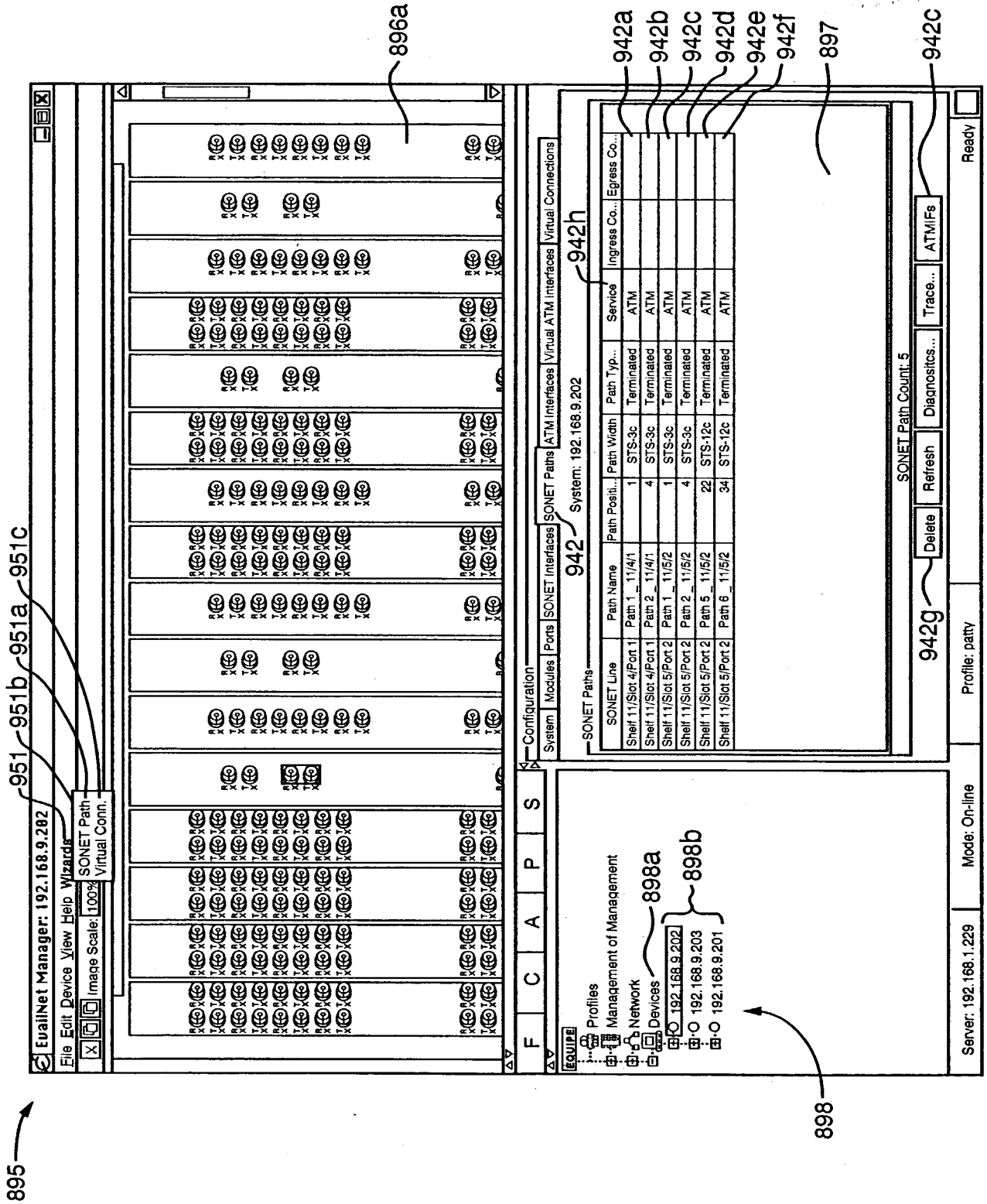


FIG. 5Q



FIG. 5R

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950

Add U-ATM Interface - 192.168.9.202 [X]

Shelf/Slot/Port: 11/4/1 Path Name: Path2_11/4/1

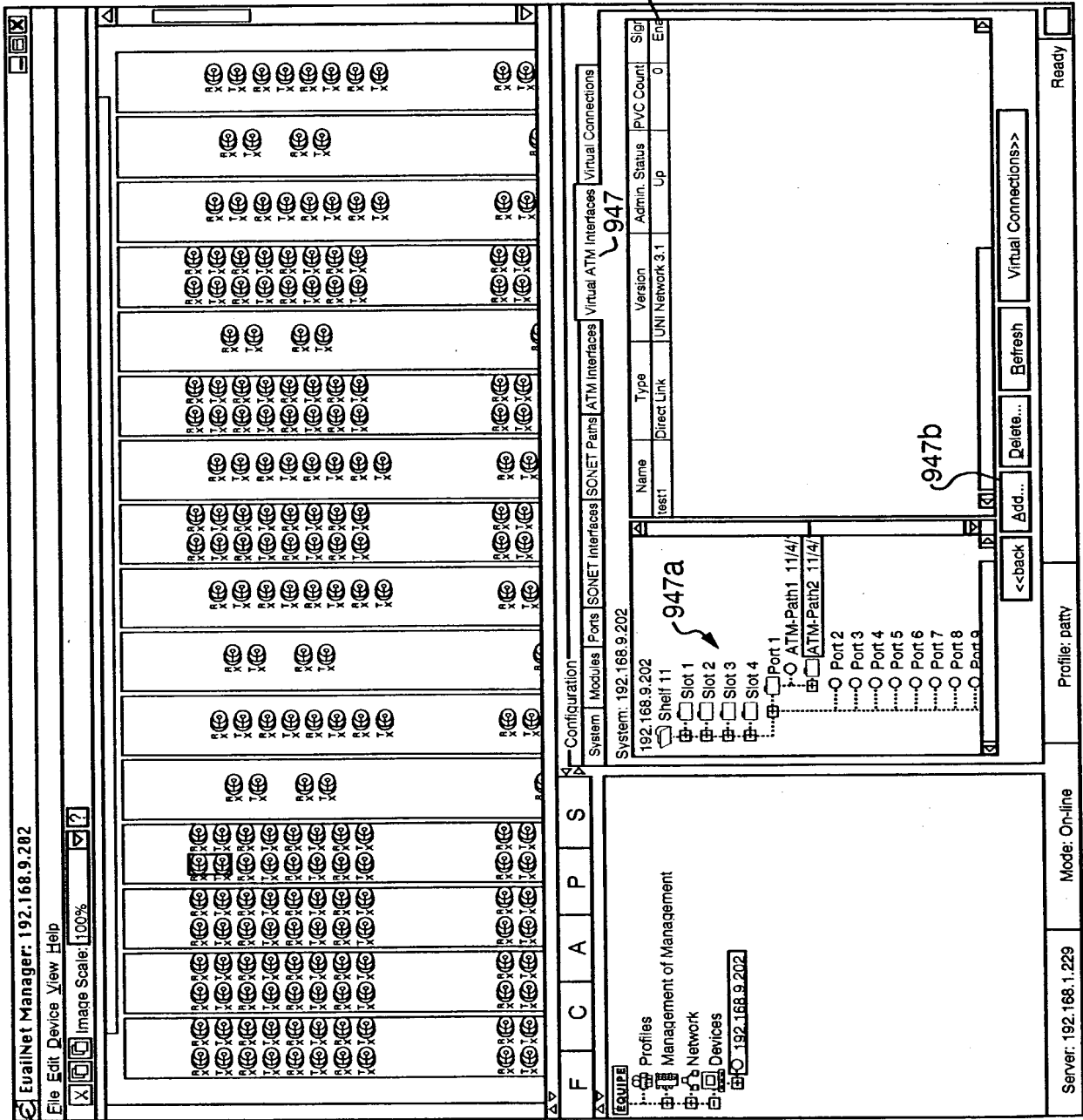
Virtual ATM Interface Parameters

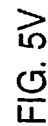
950d Name	test1
950a Connection Type	Direct Link ▾
950b Version	UNI Network 3.1 ▾
950c Admin Status	Up ▾

950e

OK Cancel

FIG. 5T





-952

-952b

FIG. 5W

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953

EvailNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

953a End Point 1

Slot 4
Port 1
ATM-Path1_11/4/1
ATM-Path2_11/4/1
test1
test2
Port 2
Port 3
Port 4 953b

End Point 1

Slot 3
Slot 4
Slot 5
Port 1
Port 2
ATM-Path1_11/5/2
test3
ATM-Path2_11/5/2
ATM-Path5_11/5/2 953c
953d

953e Connection Parameters

Connection Name: test

Admin Status: Up 953h

Customer Name: Walmart Customer List

953f End Point 1 Parameters:

VPI: 953i ☒ Use Any VPI Value 953k

VCI: 953m ☐ Use Any VCI Value 953o

Transmit Traffic Descriptor: VBR-high

Receive Traffic Descriptor: VBR-high 953q

☐ Use the same Traffic Descriptor for both Transmit and Receive

953g End Point 2 Parameters:

VPI: 953j ☒ Use Any VPI Value 953l

VCI: 953n ☐ Use Any VCI Value 953p

Transmit Traffic Descriptor: VBR-high

Receive Traffic Descriptor: VBR-high 953r

☐ Use the same Traffic Descriptor for both Transmit and Receive 953t

953u 953w 953v

<<Back Finish Cancel

FIG. 5X

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956

NEW TRAFFIC DESCRIPTOR	
NAME:	<input type="text"/>
QoS CLASS:	<input type="text"/> <input checked="" type="checkbox"/>
TYPE:	<input type="text"/> <input checked="" type="checkbox"/>
<div><input type="button" value="OK"/><input type="button" value="CANCEL"/></div>	

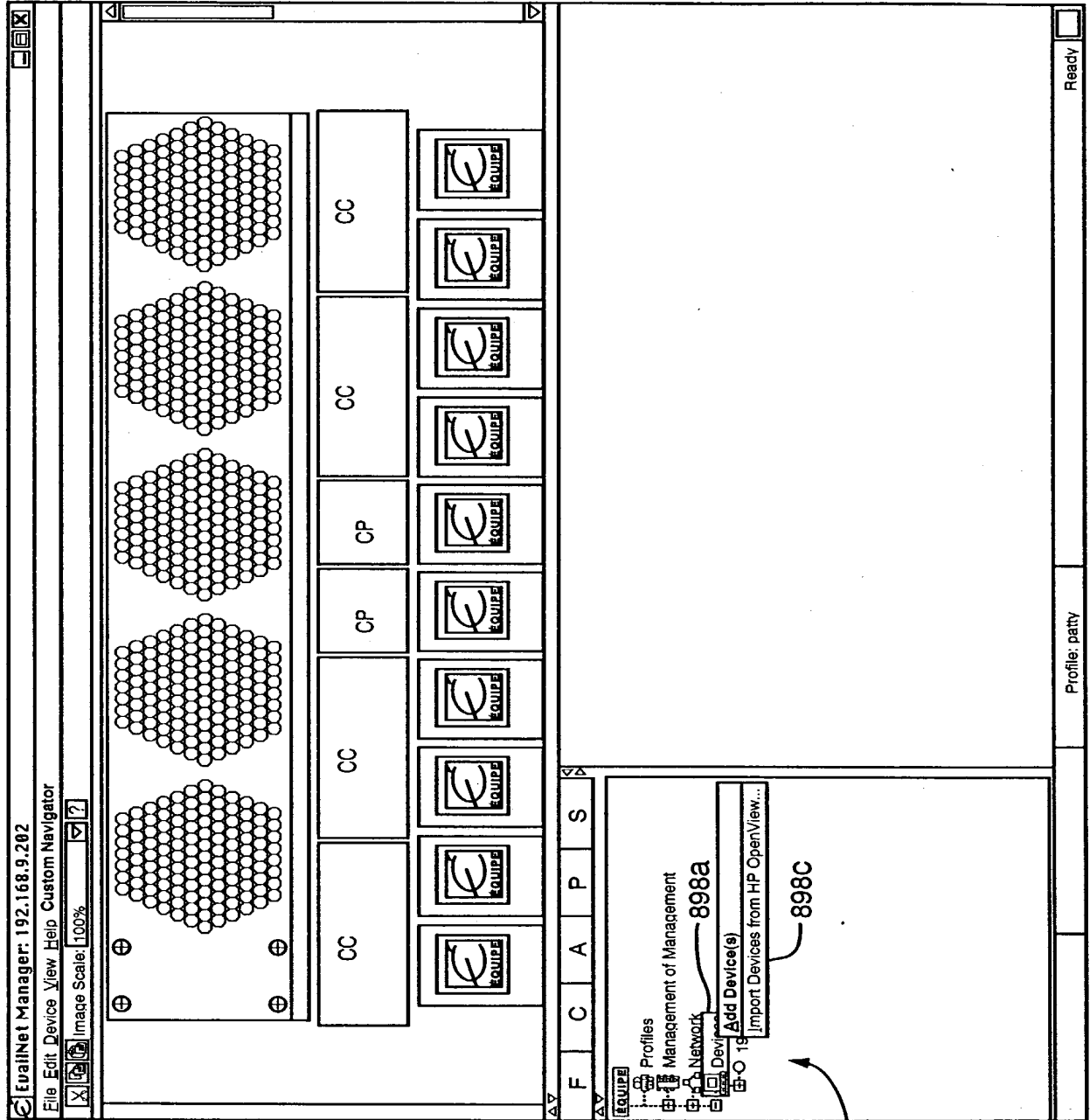
FIG. 5Y

895

-948a

FIG. 5Z

895



898

FIG. 6A

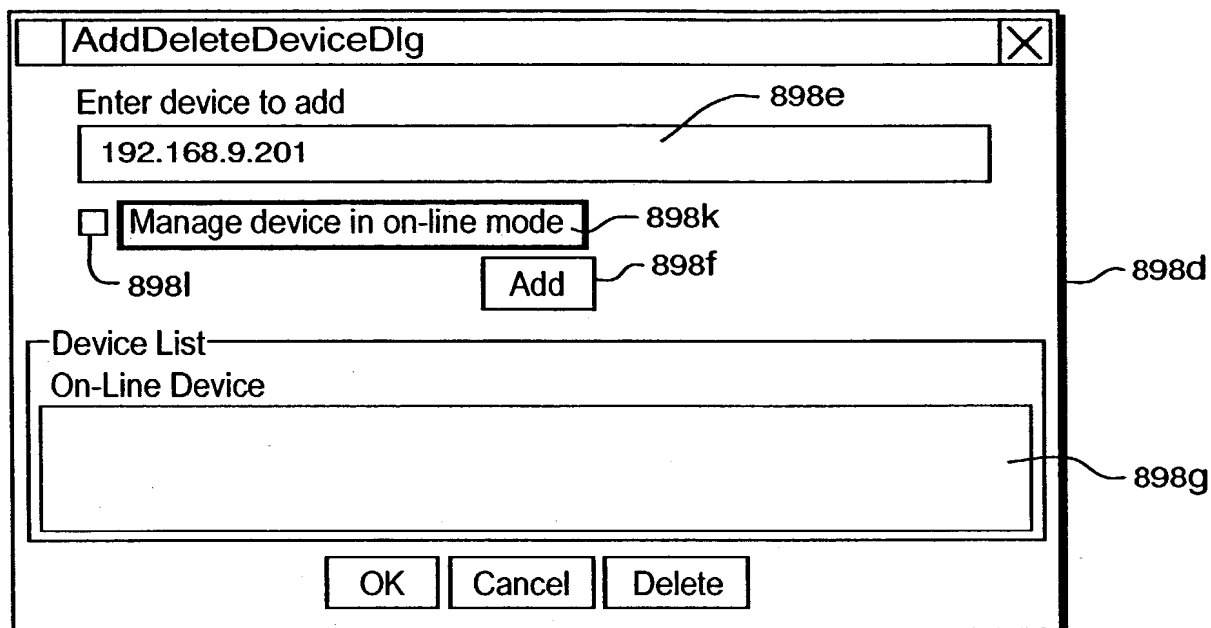


FIG. 6B

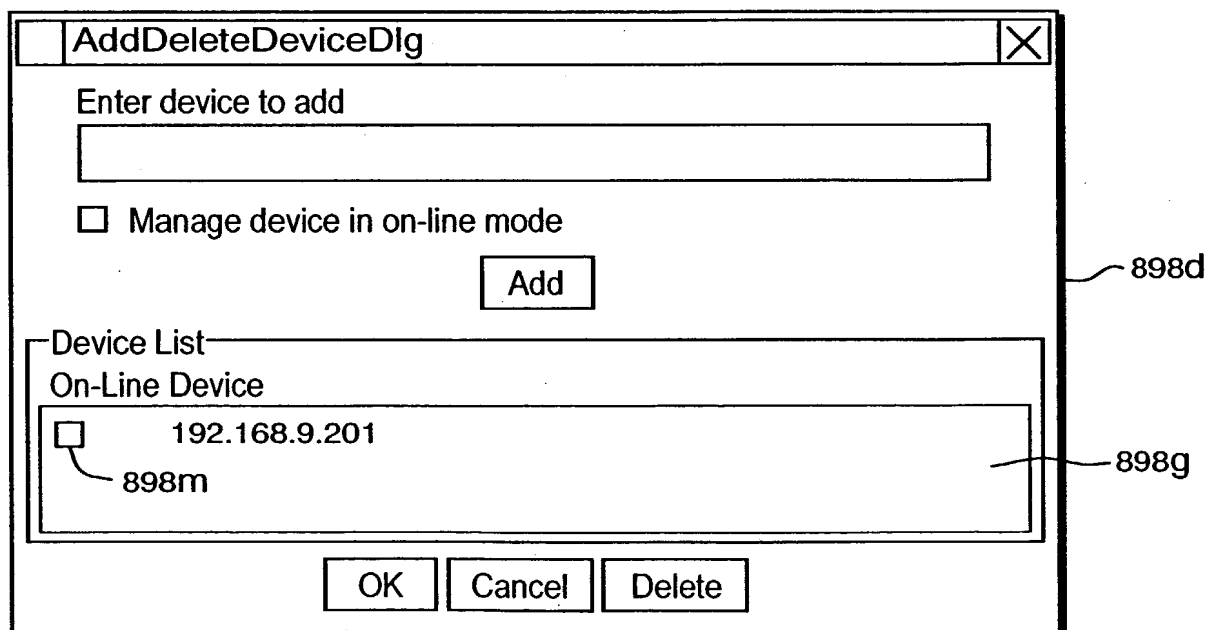


FIG. 6C

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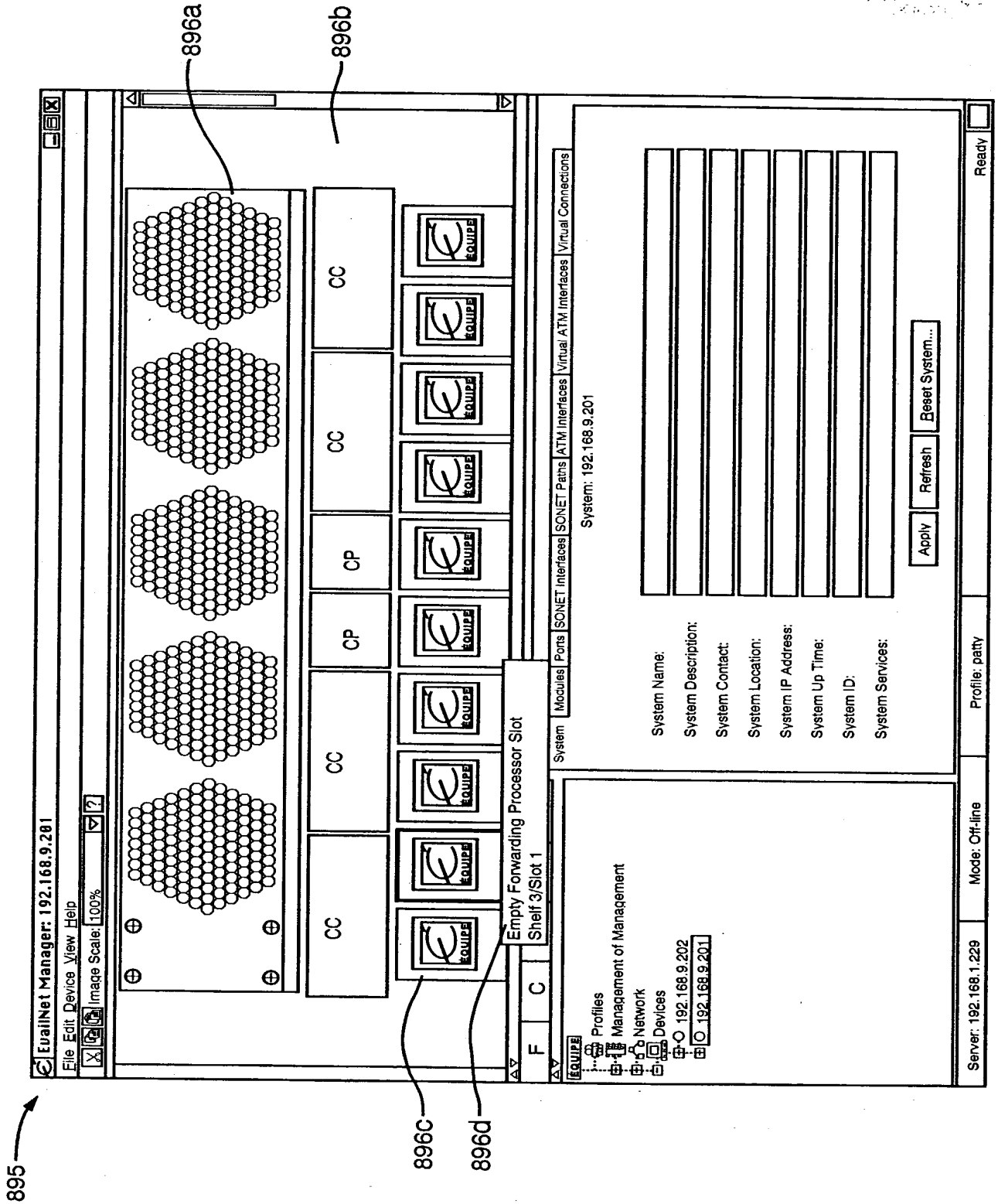


FIG. 6E

895

546a

896t

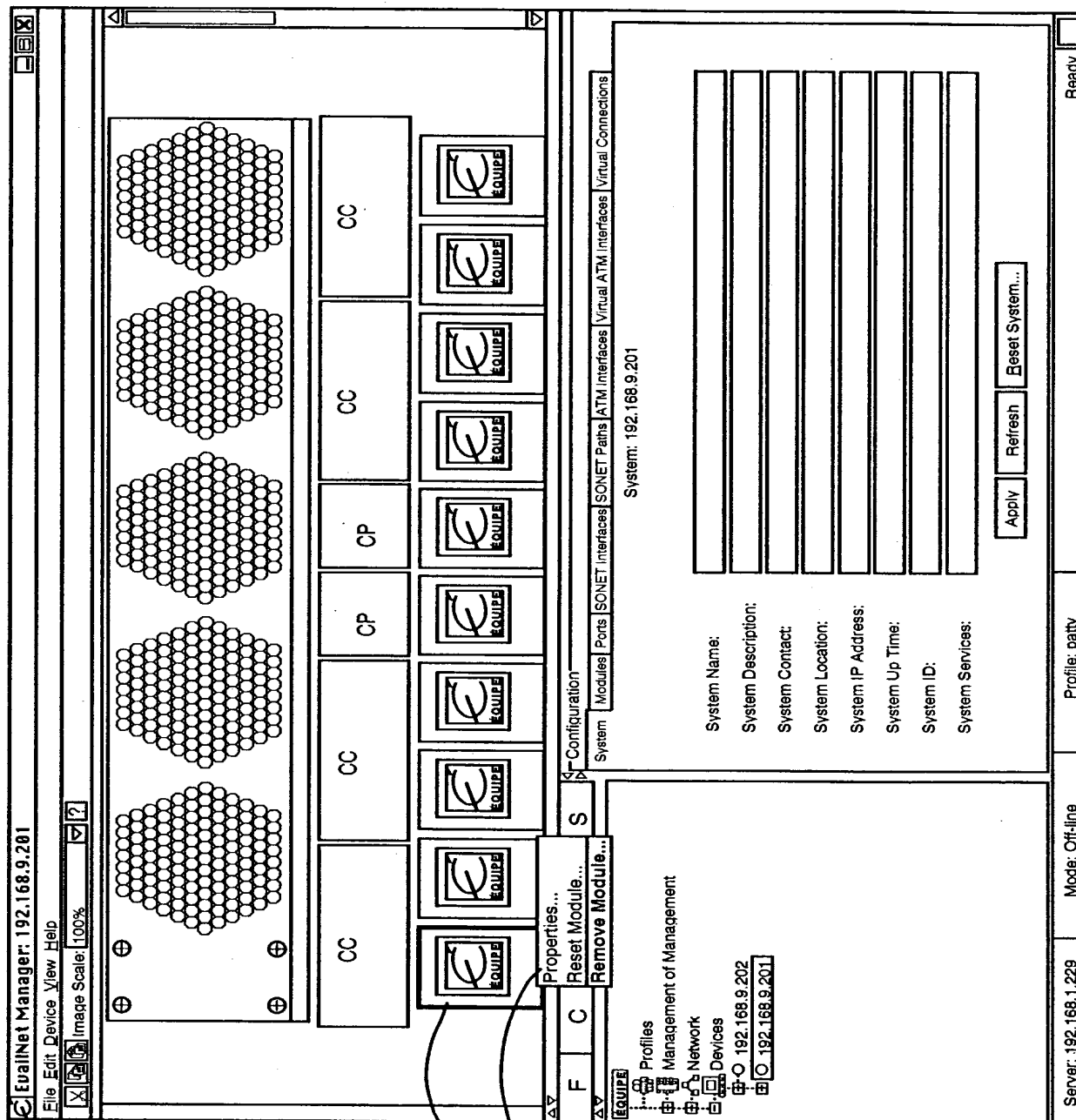
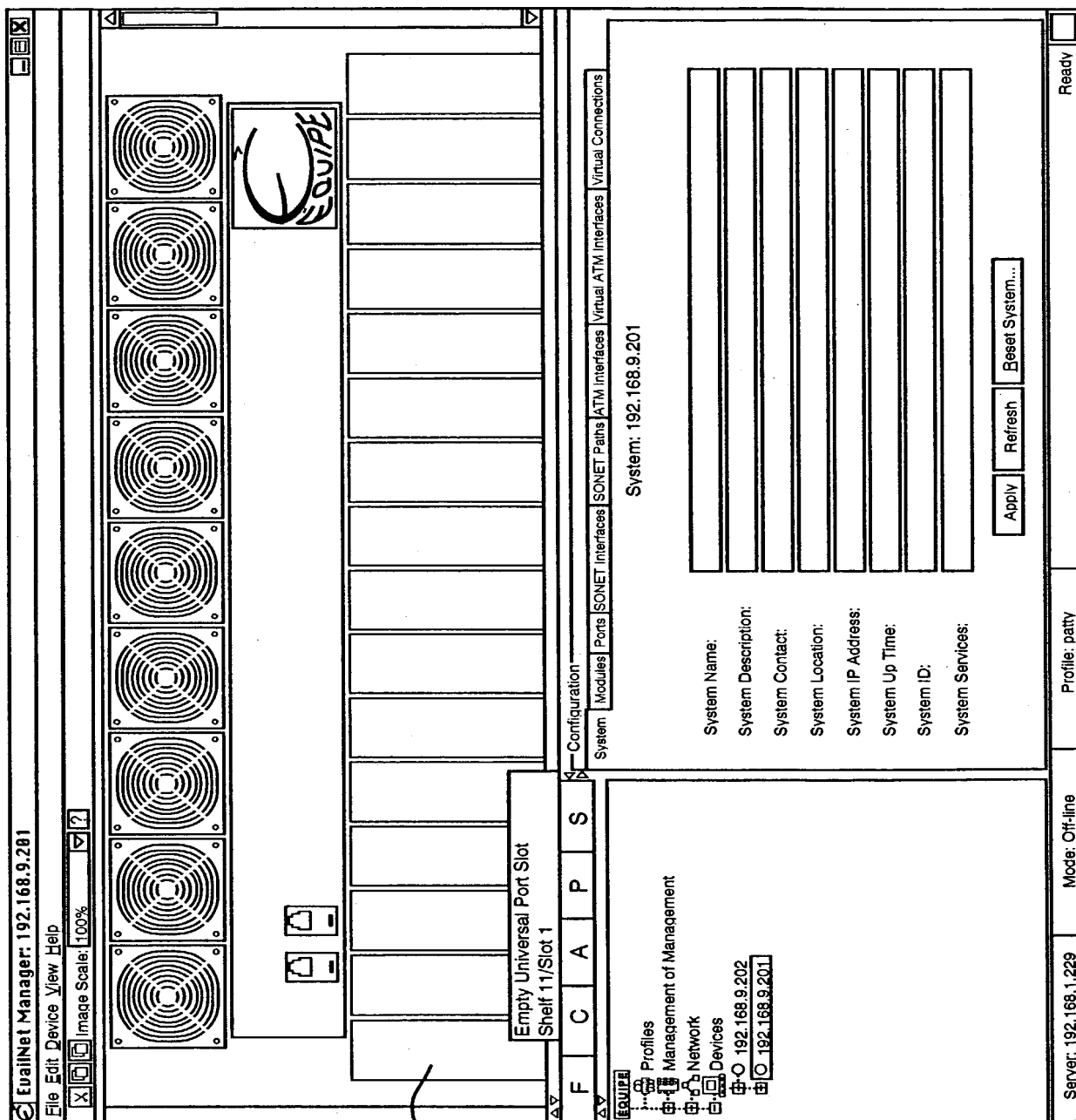


FIG. 6G



895

896f

FIG. 6H

895

896f

896g

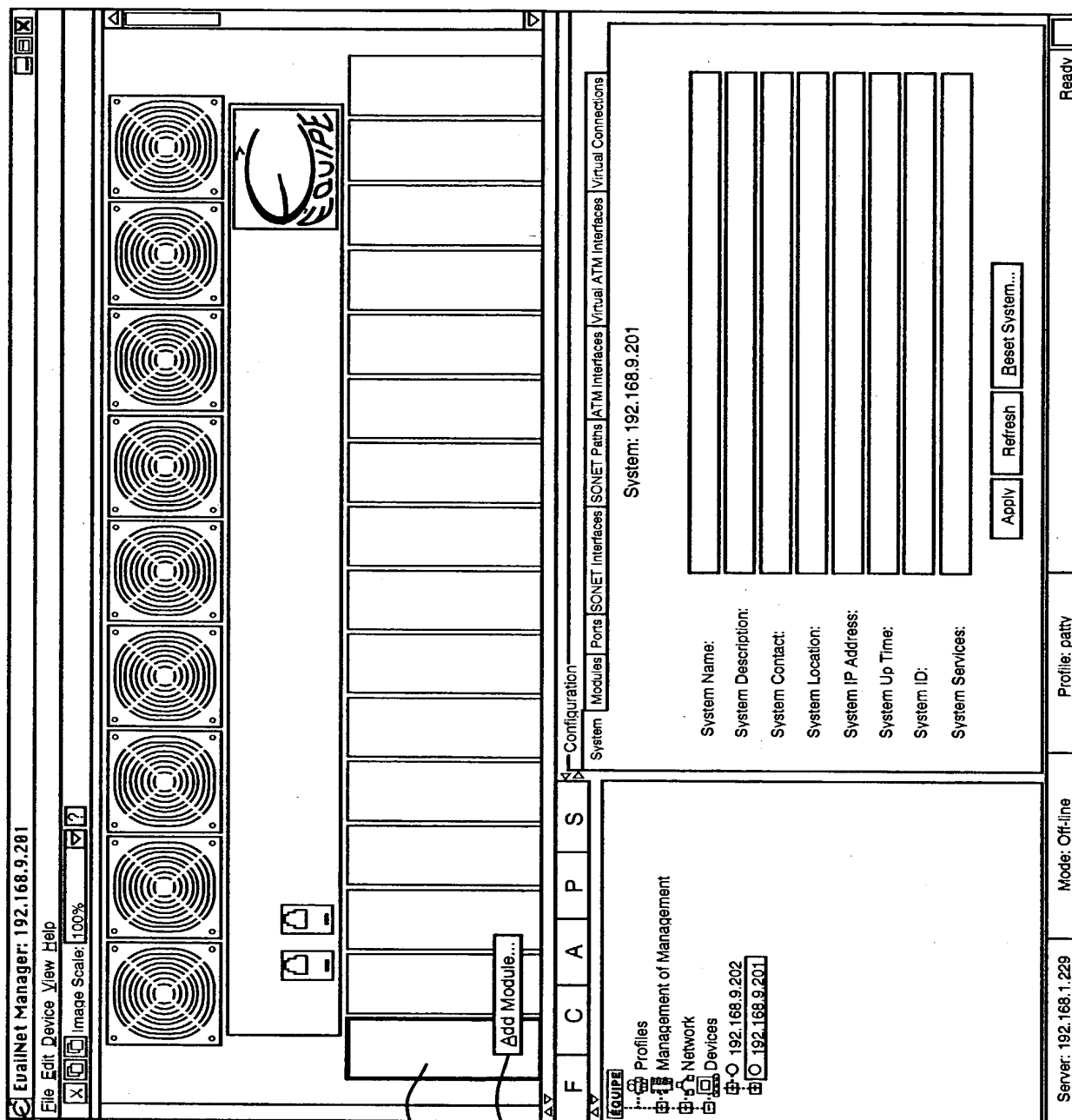


FIG. 6I

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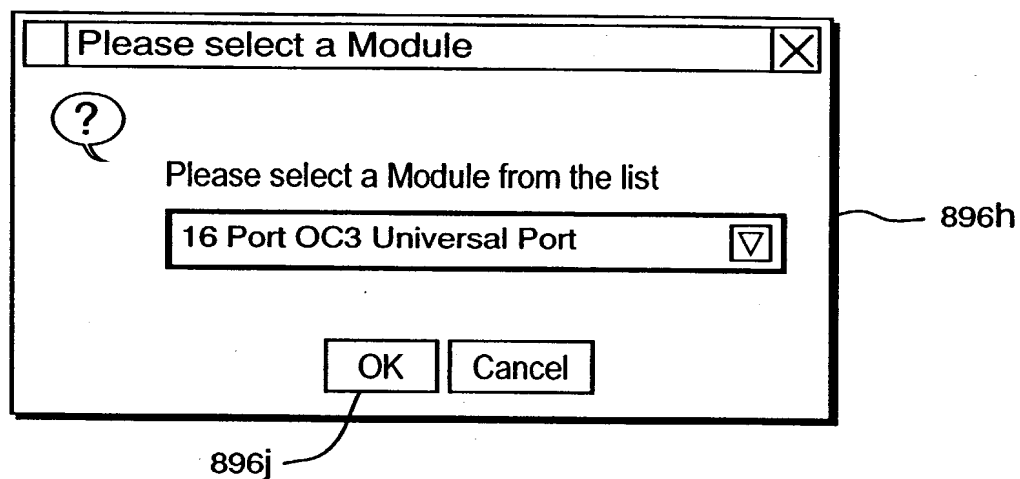


FIG. 6J

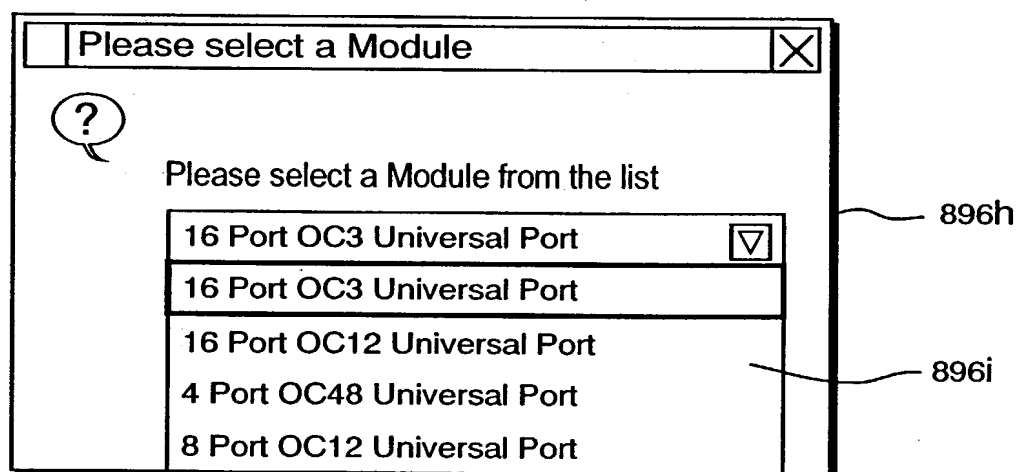
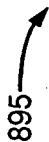
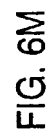


FIG. 6K





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895

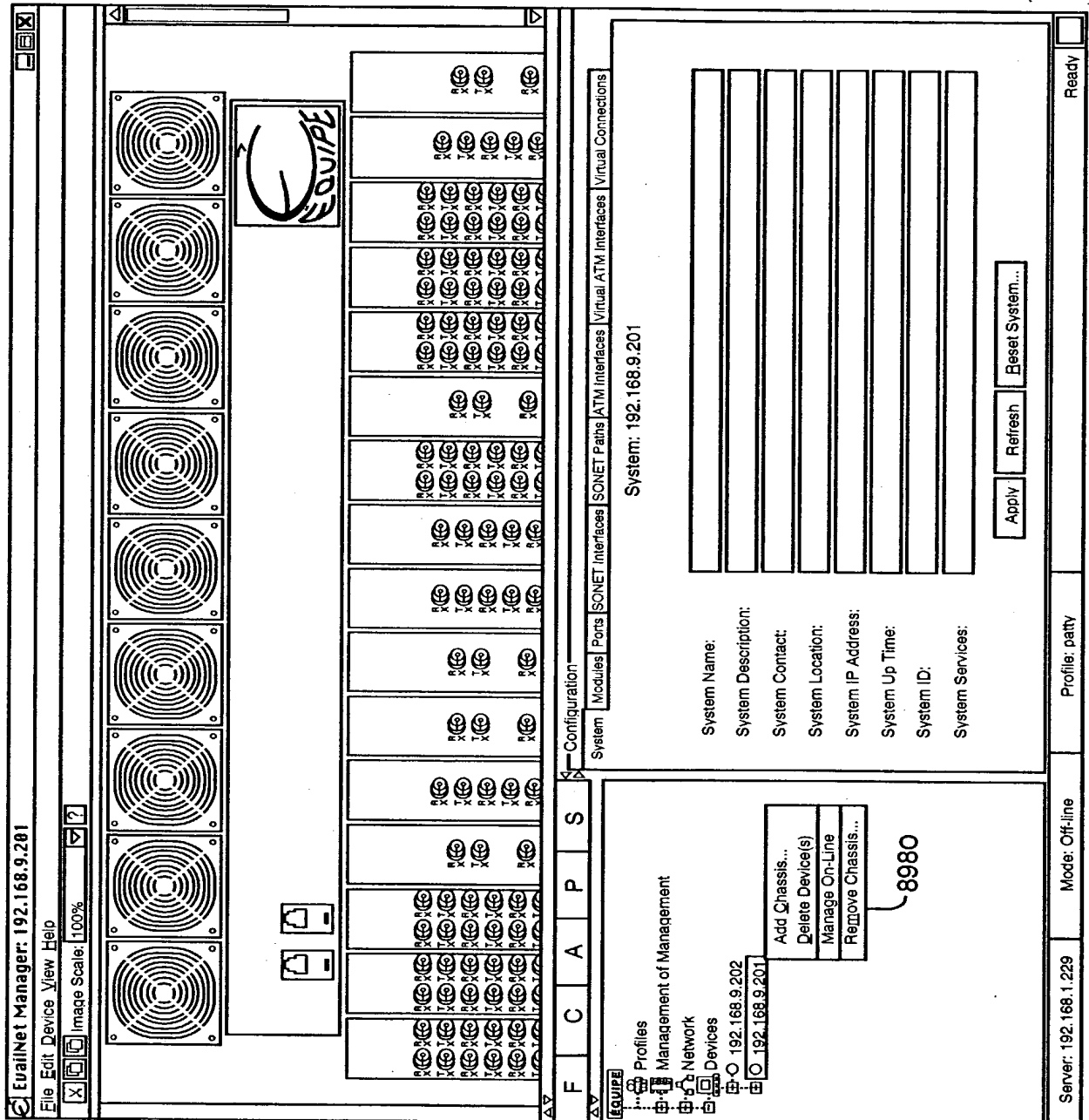


FIG. 6N

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895

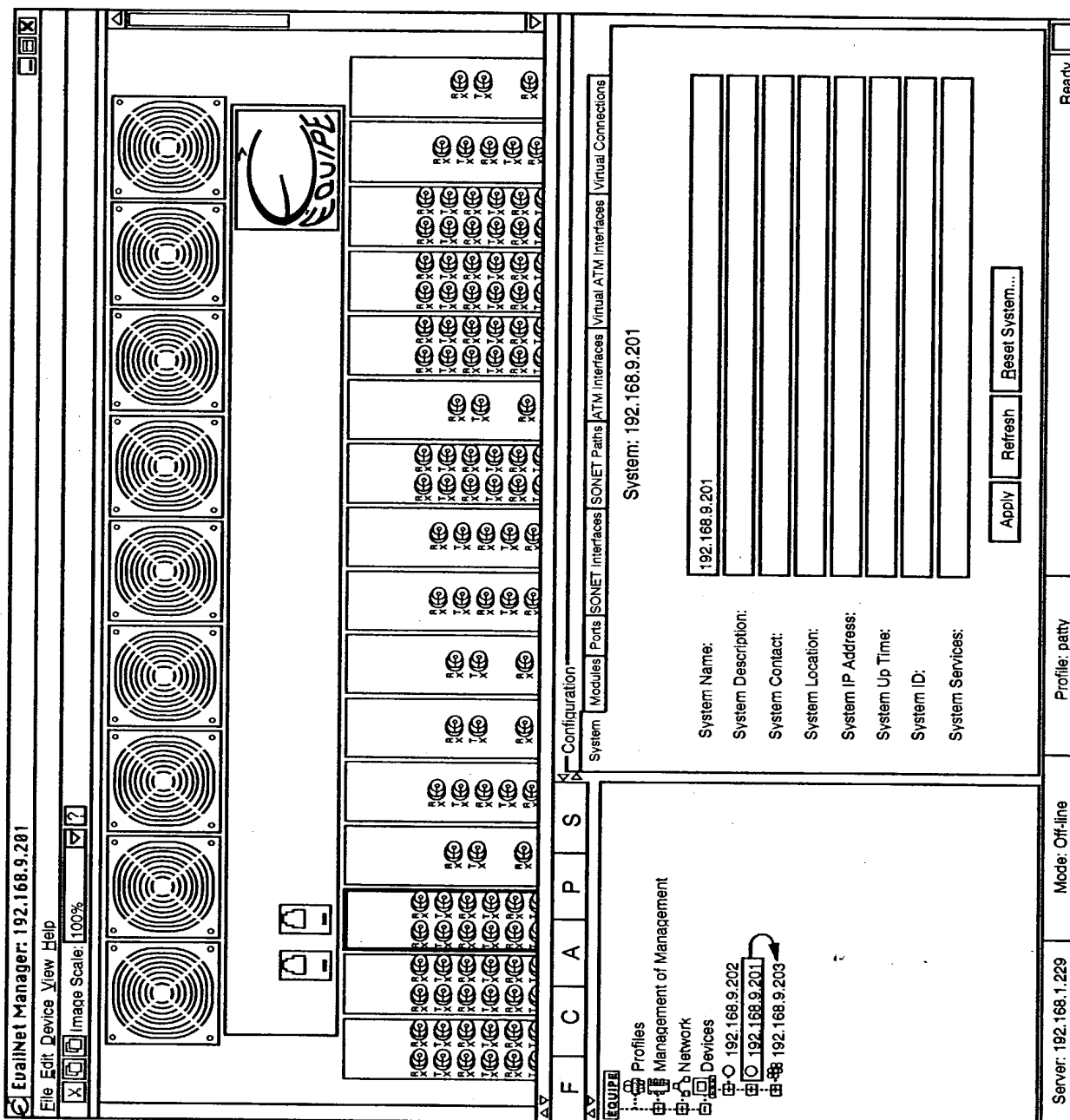
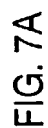


FIG. 60



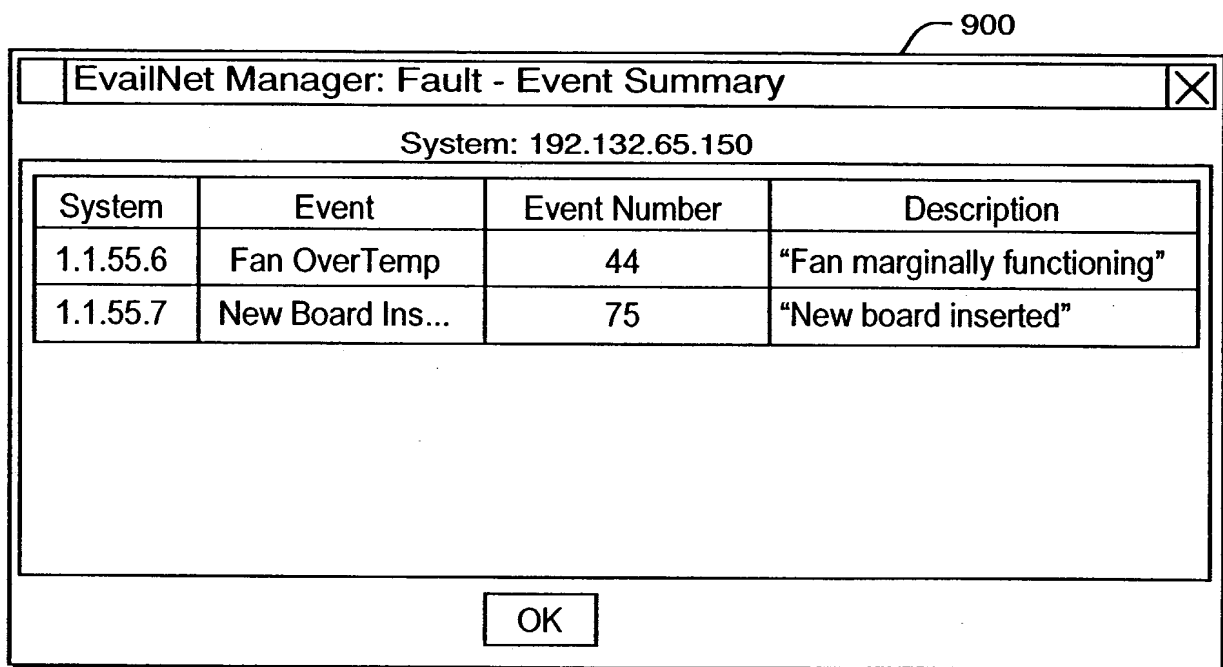


FIG. 7B

95/289

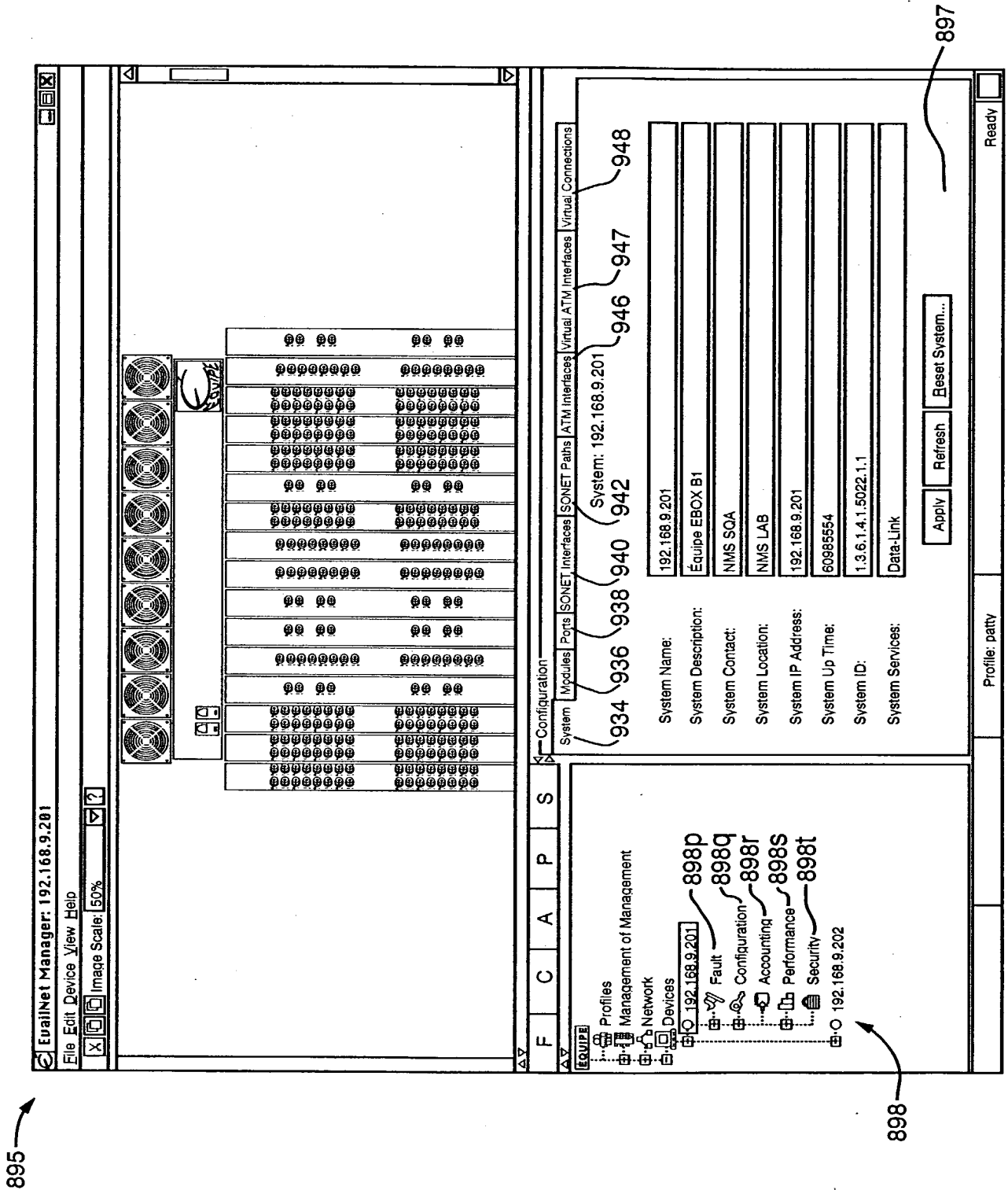
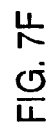


FIG. 7D



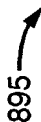
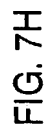


FIG. 7G



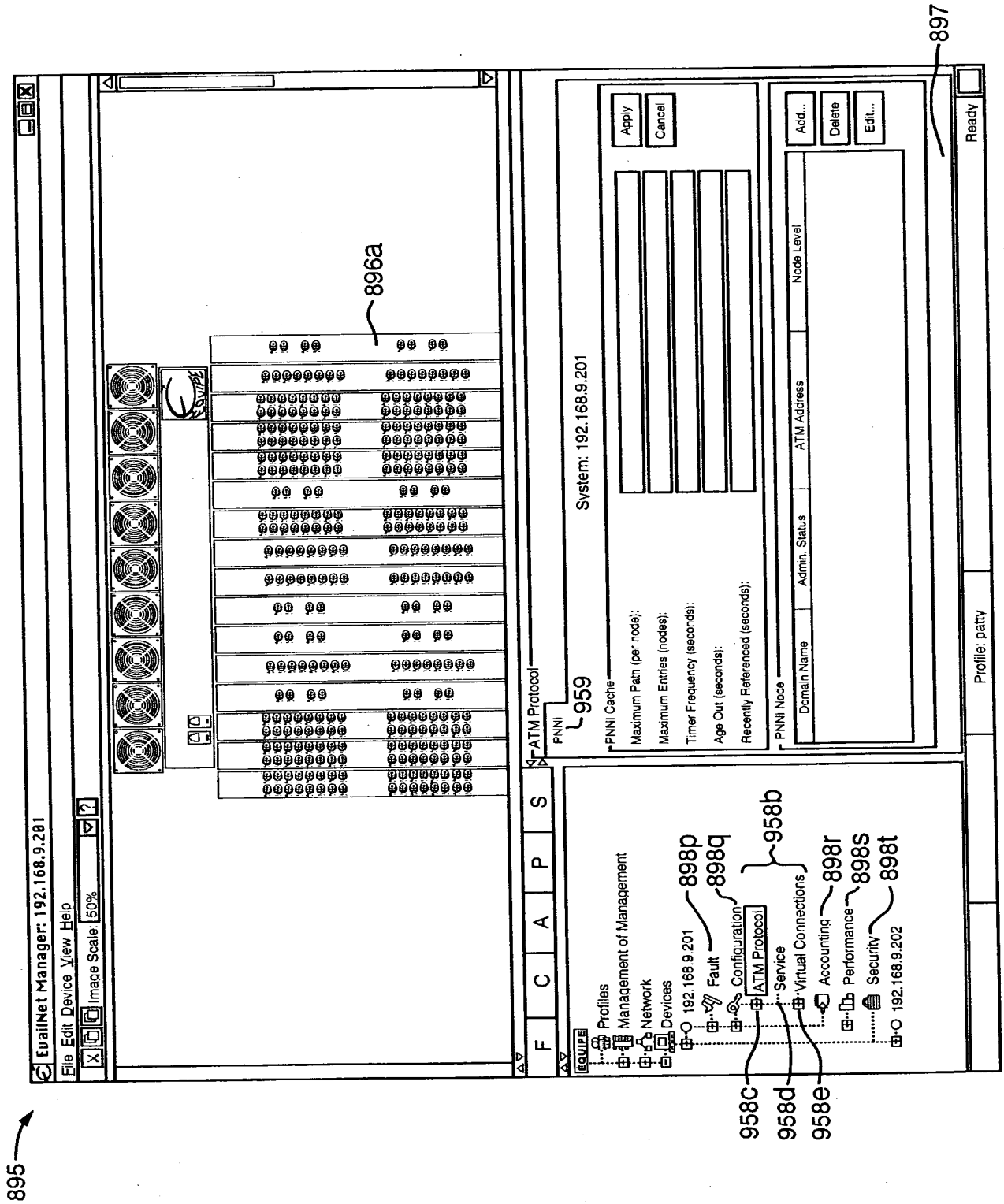
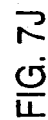
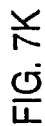


FIG. 71





895

EvalNet Manager: 192.168.9.201

File Edit Device View Help

Image Scale: 50%

895

896a

897

896p

896q

896r

896s

896t

Accounting

Collection Setup

System: 192.168.9.201

Primary Archive Host

Backup Archive Host

Host Address:

Destination Path:

User Name:

Password:

Stats Timer

VC Accounting

ATM Stats

SONET Stats

Max. Files: (VC Acc.)

Max. Files: (ATM Stats)

Max. Files: (Sonet Stats)

Apply

Cancel

Ready

FIG. 7L

895

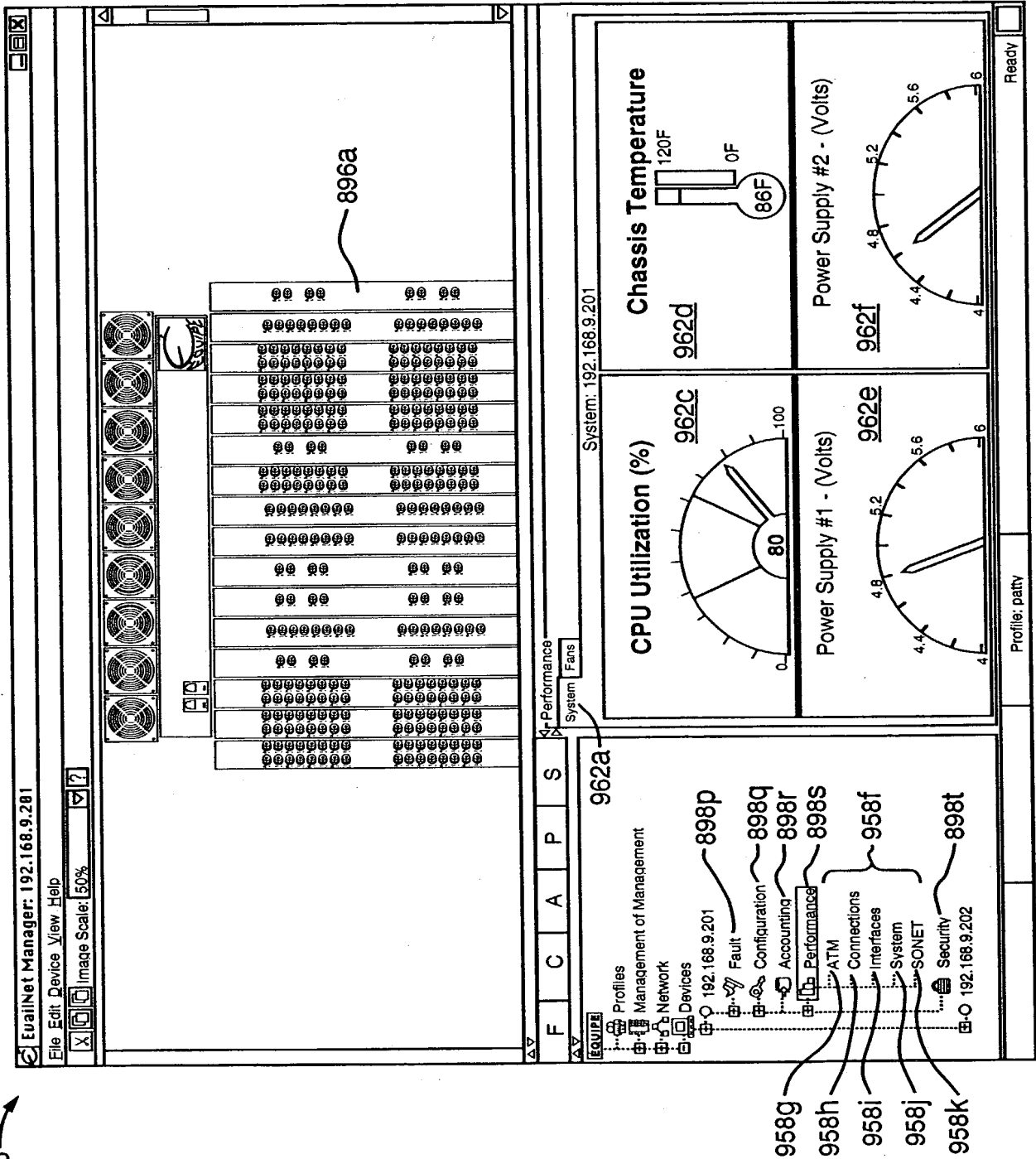


FIG. 7M

895

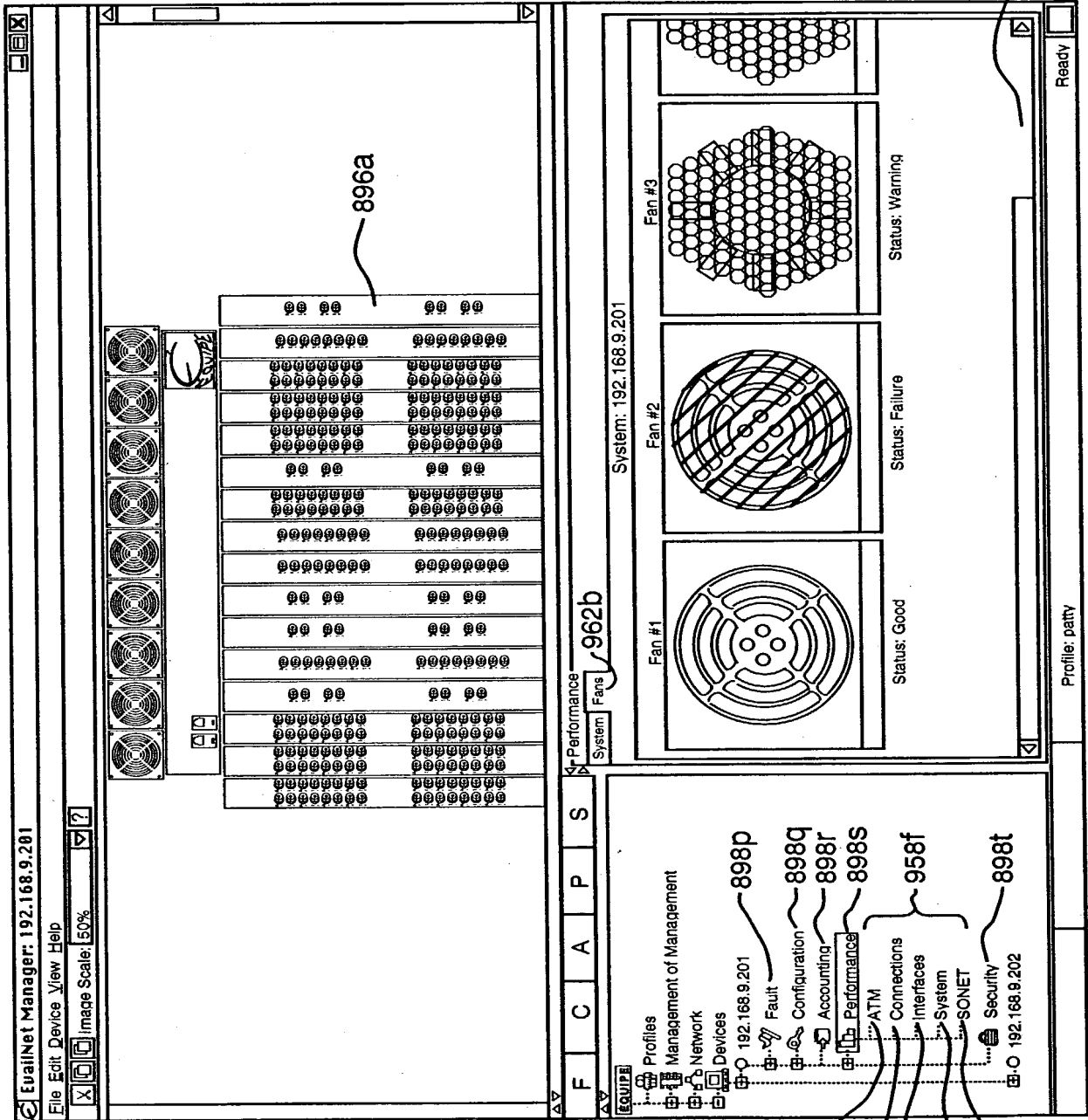


FIG. 7N

895

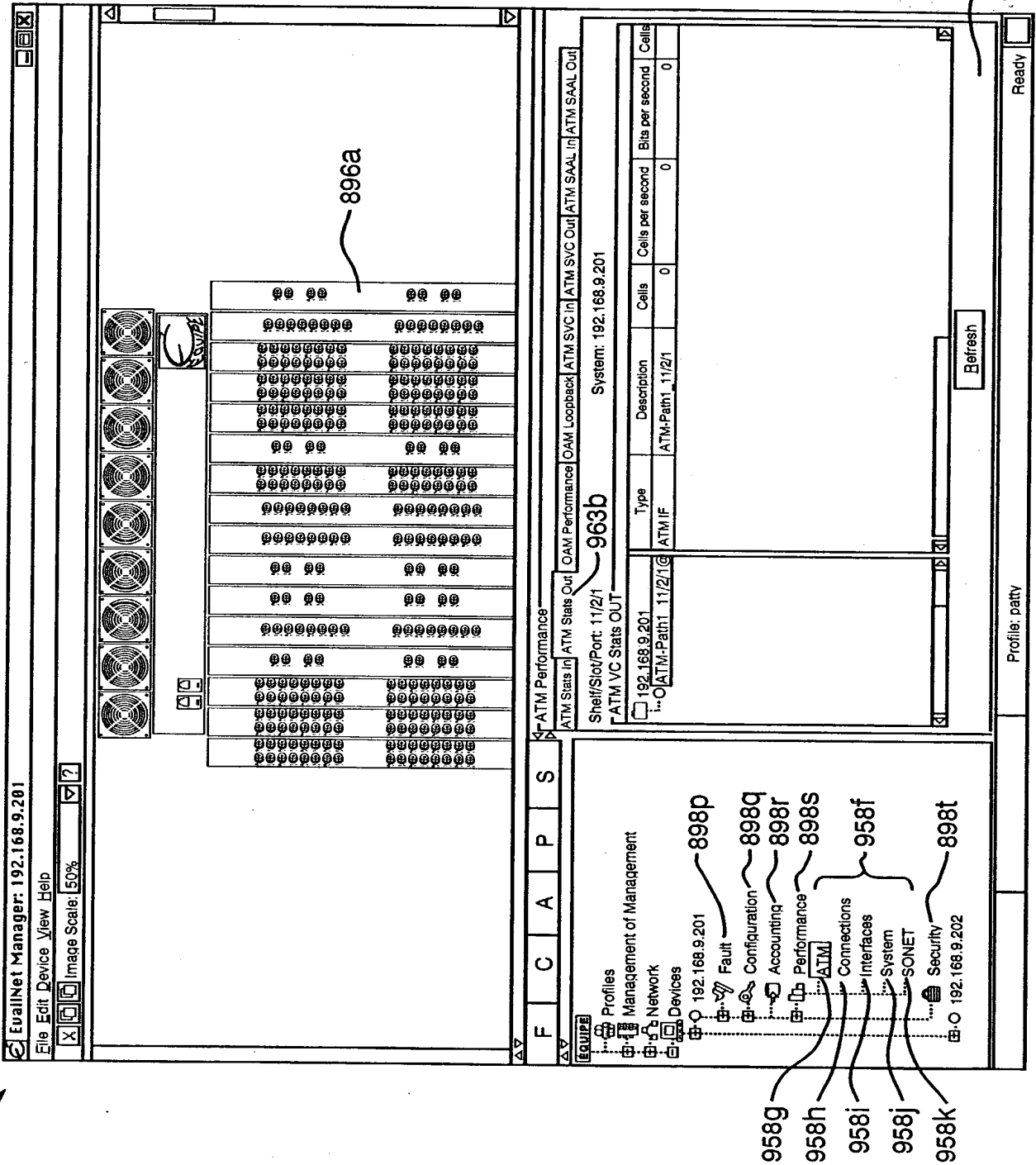
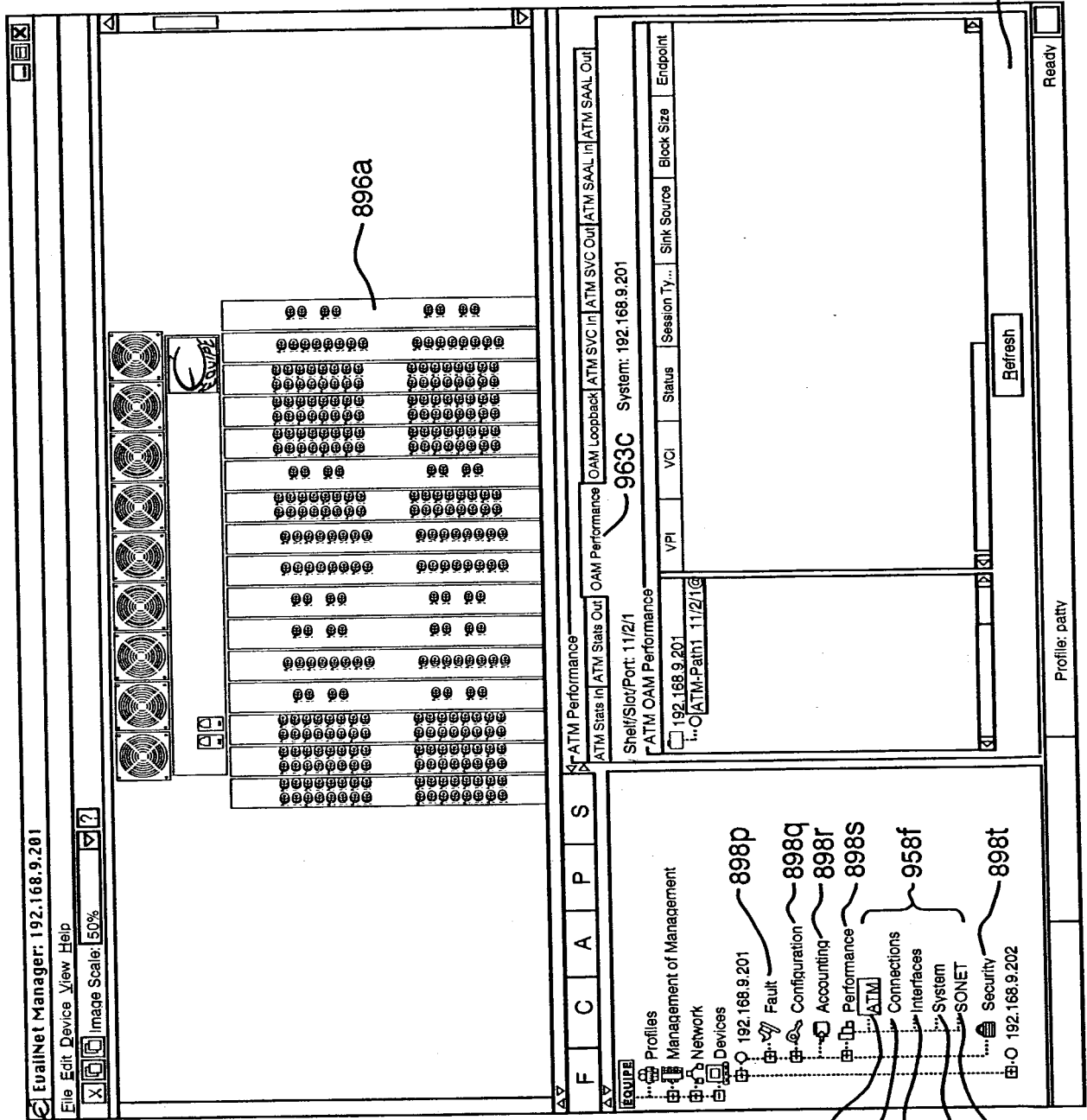


FIG. 7P

895



897

FIG. 7Q

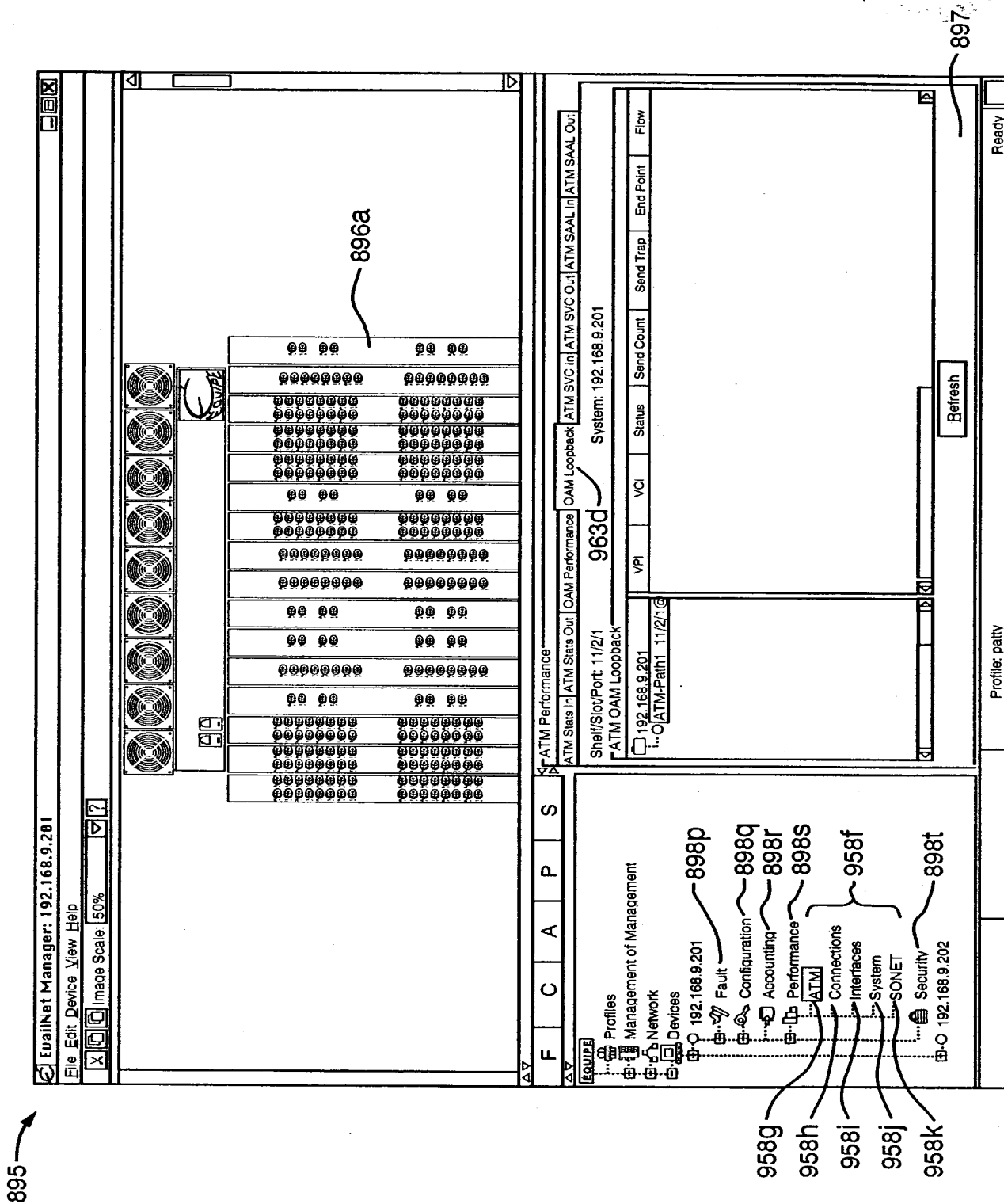
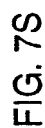
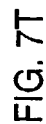


FIG. 7R





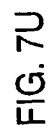
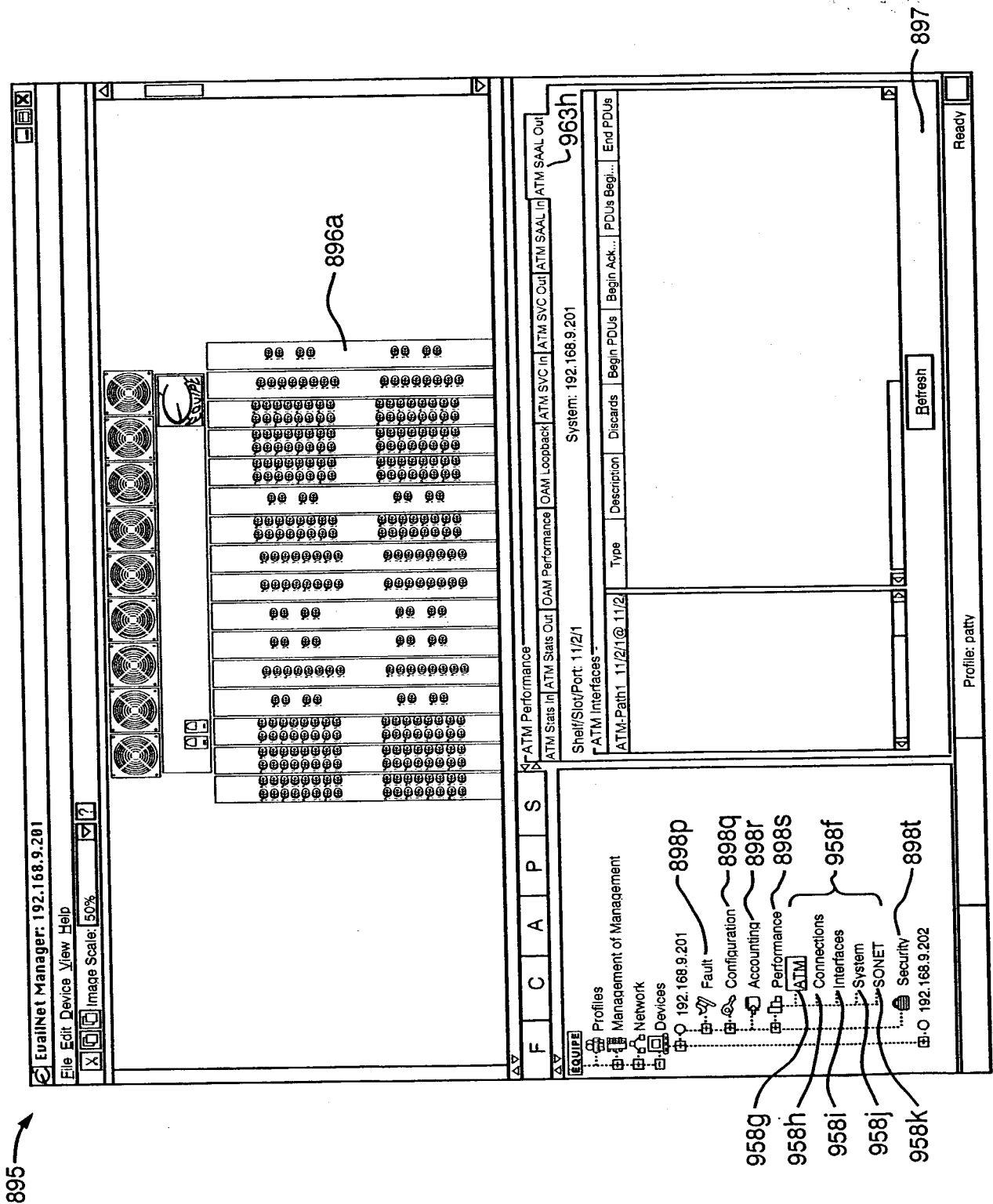


FIG. 7U

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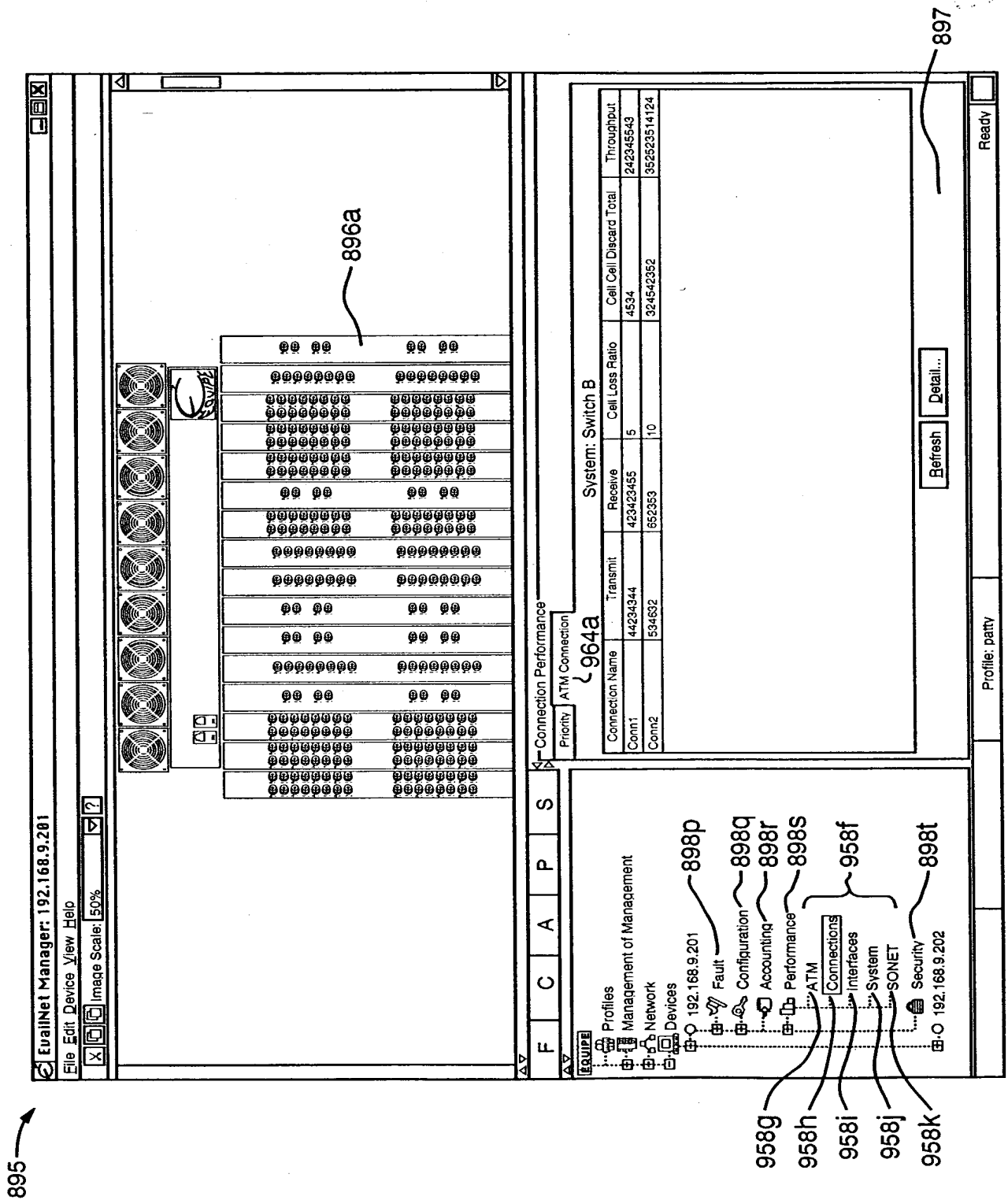
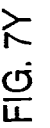
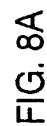


FIG. 7W

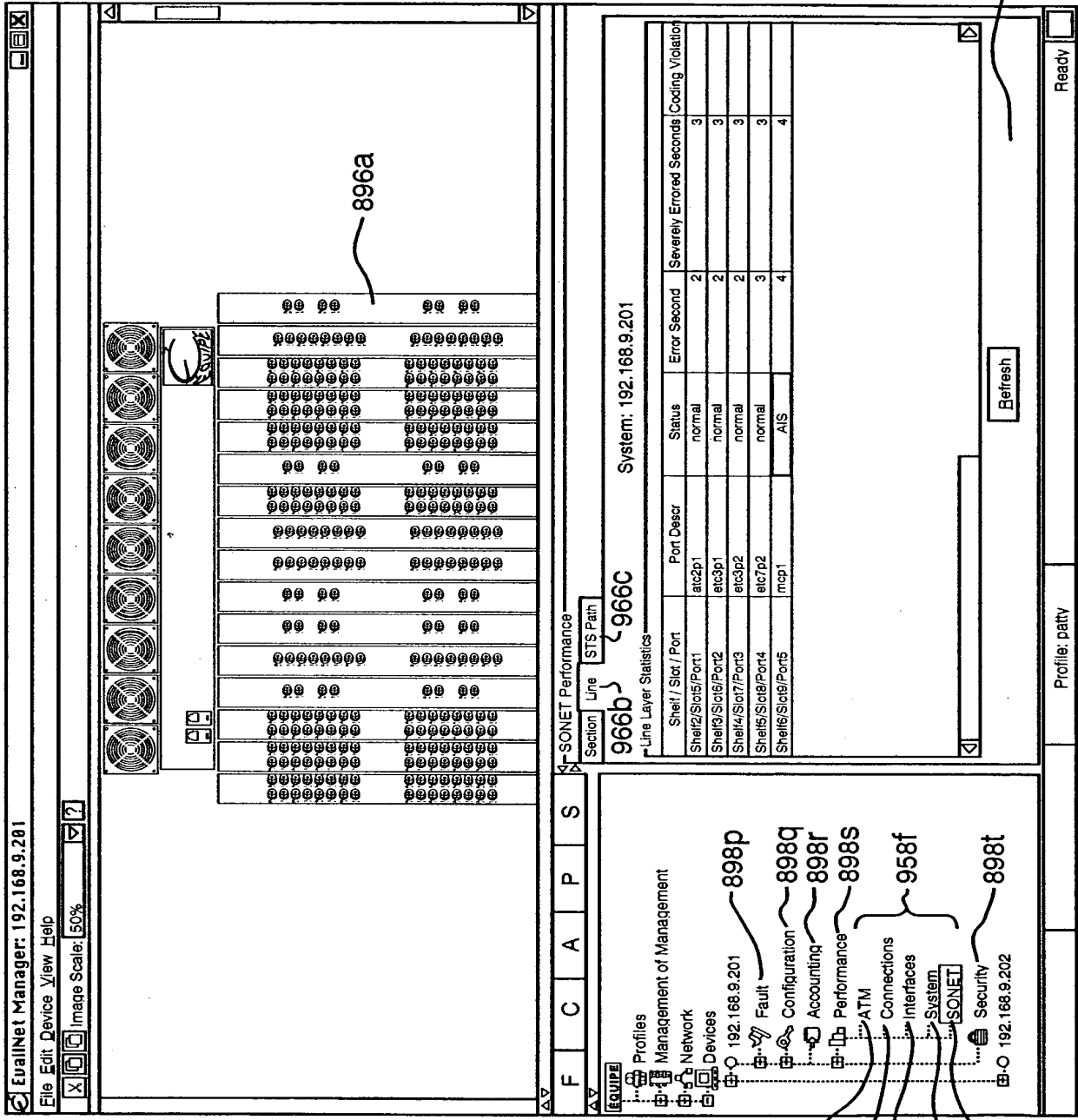




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895



897

FIG. 8B

895

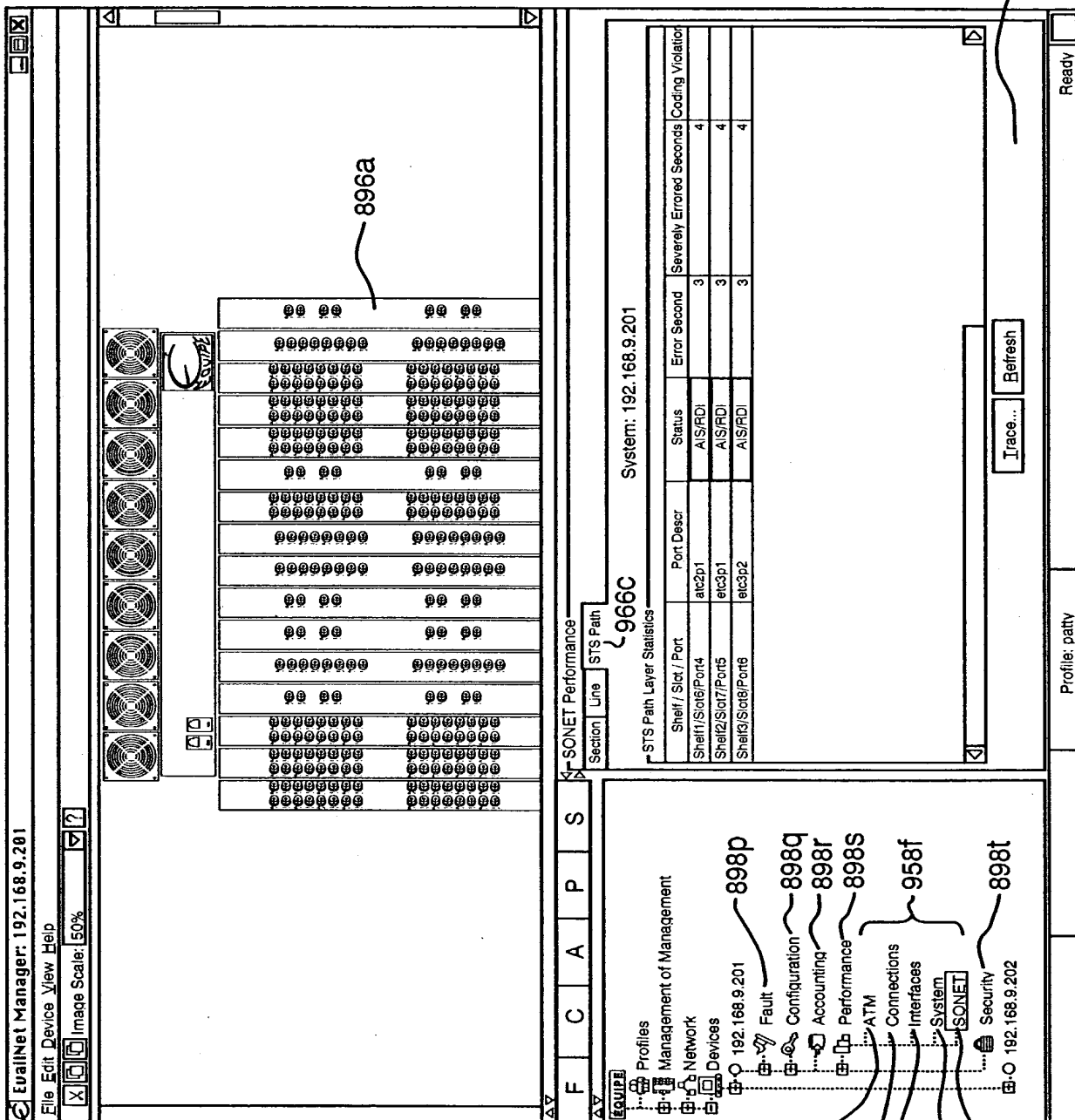


FIG. 8C

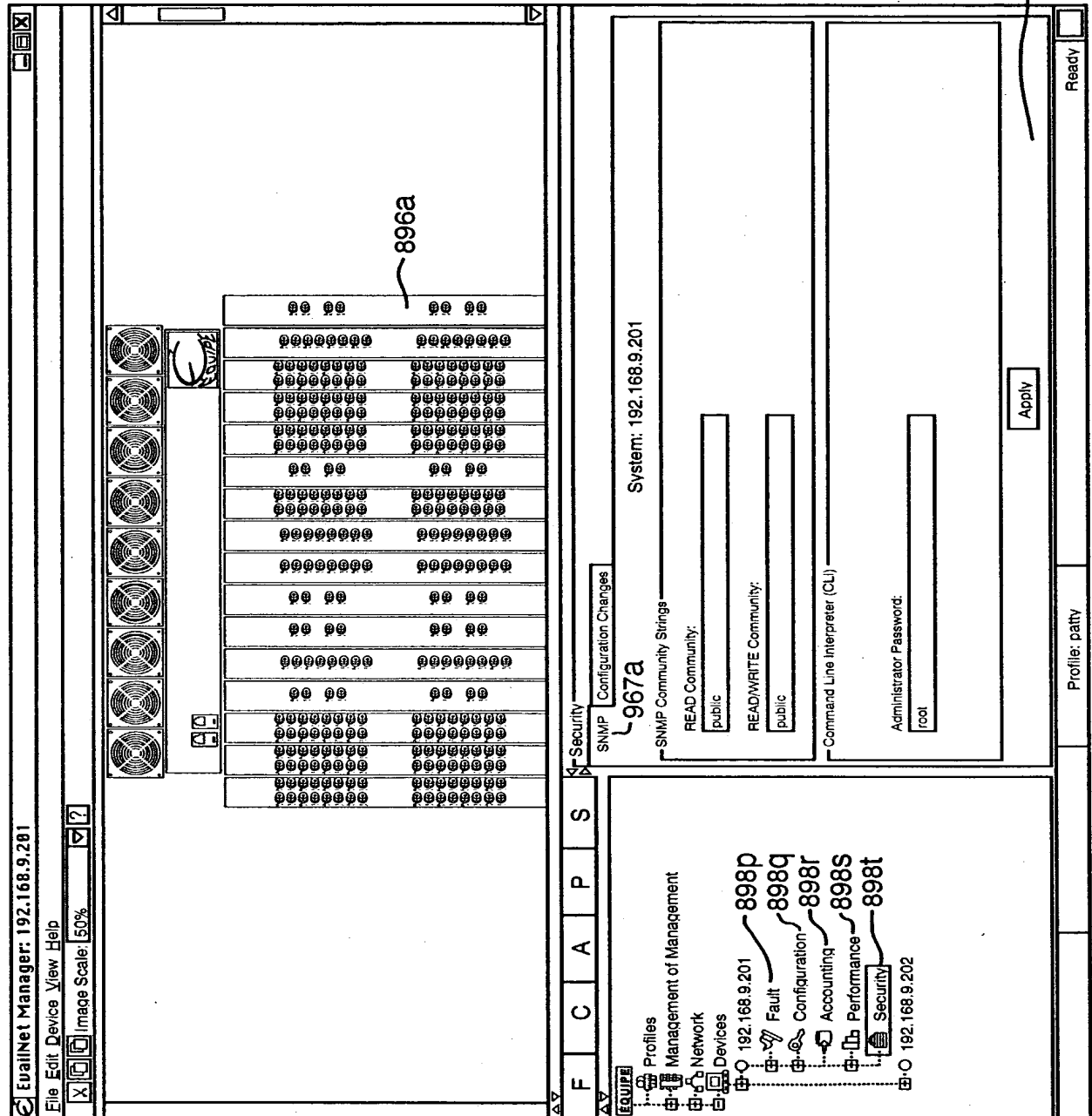


FIG. 8D

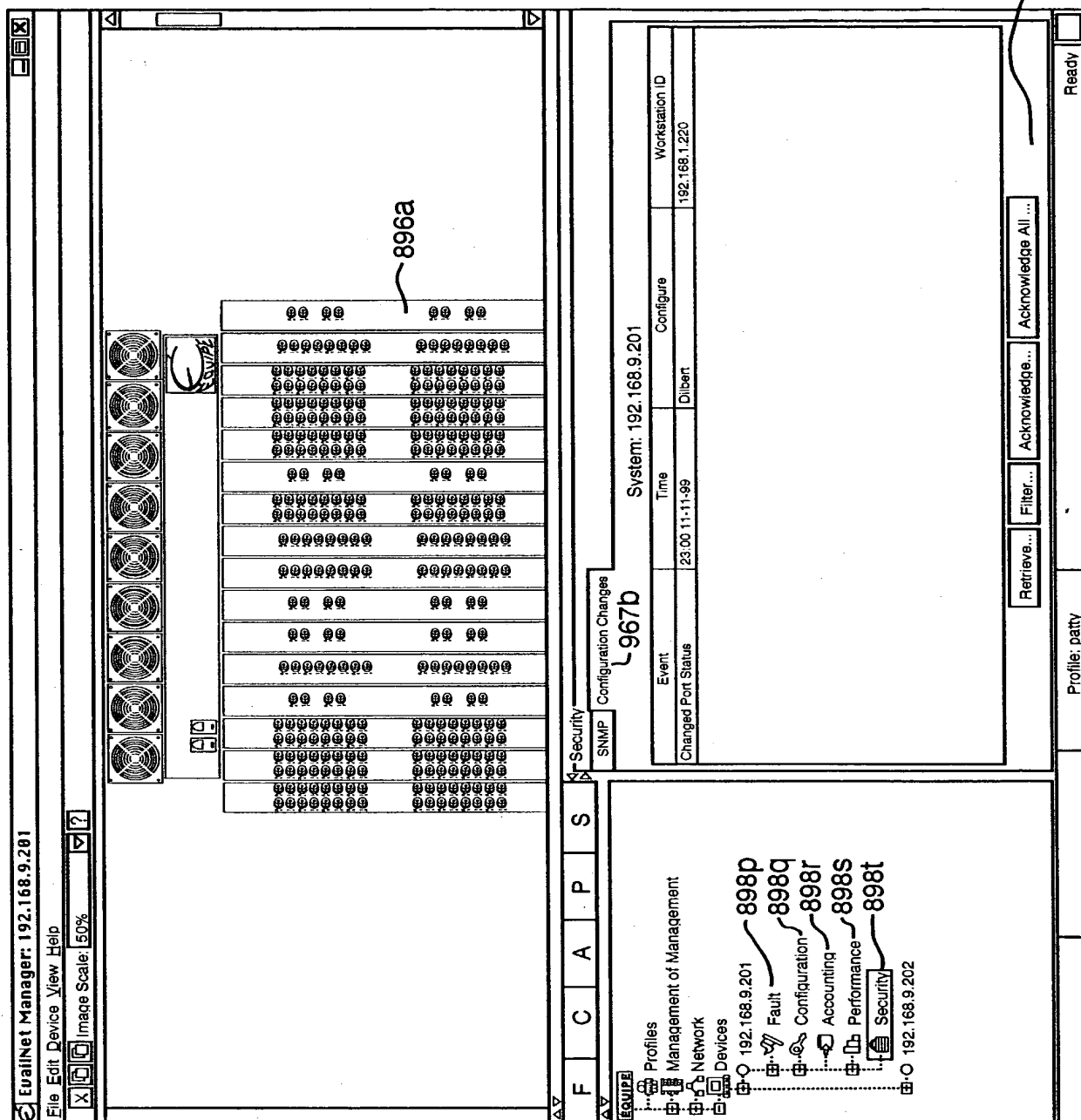


FIG. 8E

895

EvalNet Manager: 192.168.9.201

File Edit Device View Help

Refresh F5
Modules Toolbox
Bulletin Bd

968b 968a

System: 192.168.9.201

Configuration

System Modules Ports SONET Interfaces ATM Interfaces Virtual ATM Interfaces Virtual Connections

System Name: EBOX

System Description: Équipe EBOX B1

System Contact: NMS SQA

System Location: NMS LAB

System IP Address: 192.168.9.201

System Up Time: 60985554

System ID: 1.3.6.1.4.1.5022.1.1

System Services: Data-Link

Apply Refresh Reset System...

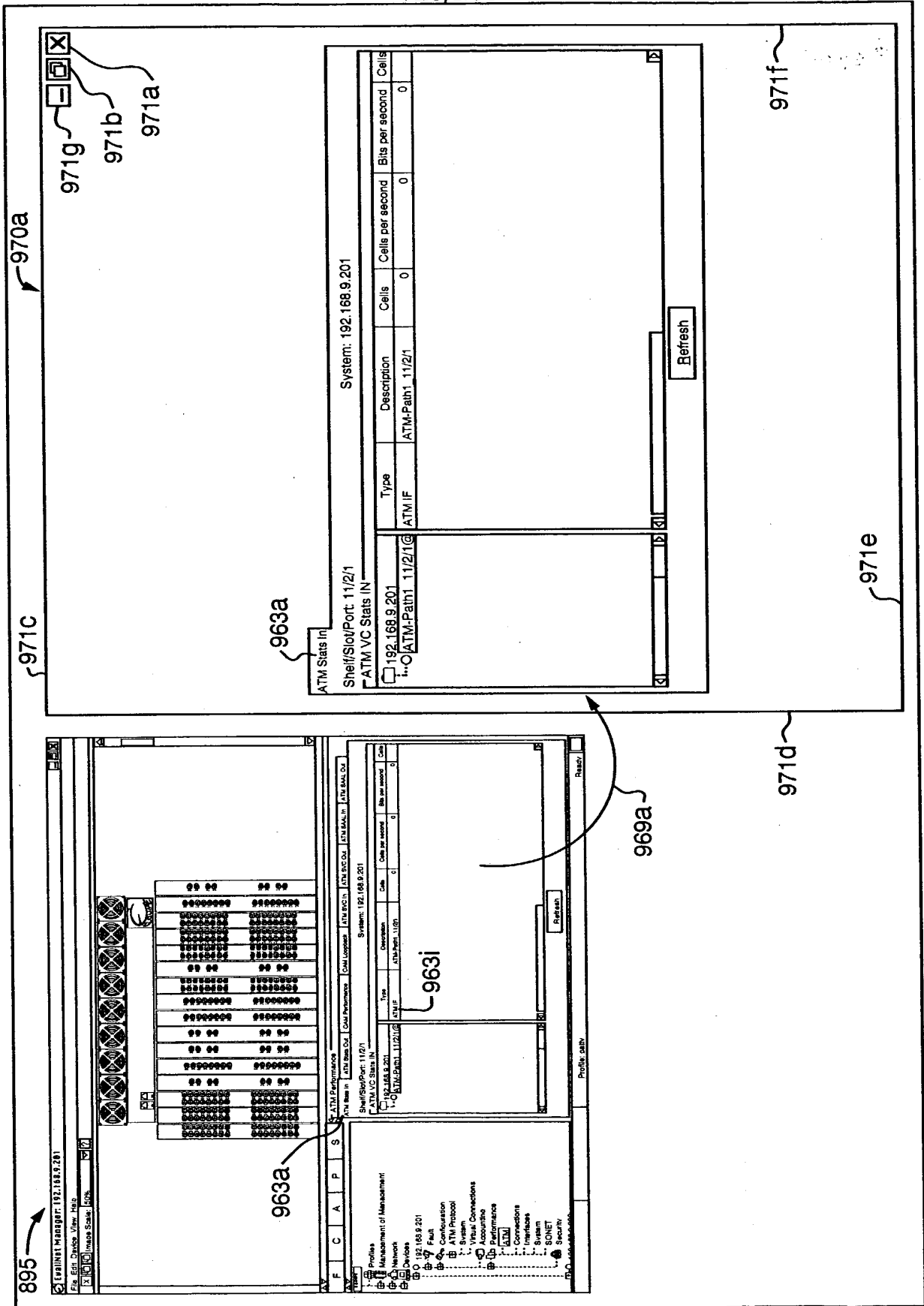
Server: 192.168.1.229 Mode: On-line Profile: patty Ready

Equipment

Profiles
Management of Management
Network
Devices
EBOX 192.168.9.201
EBOX 192.168.9.202

FIG. 9A

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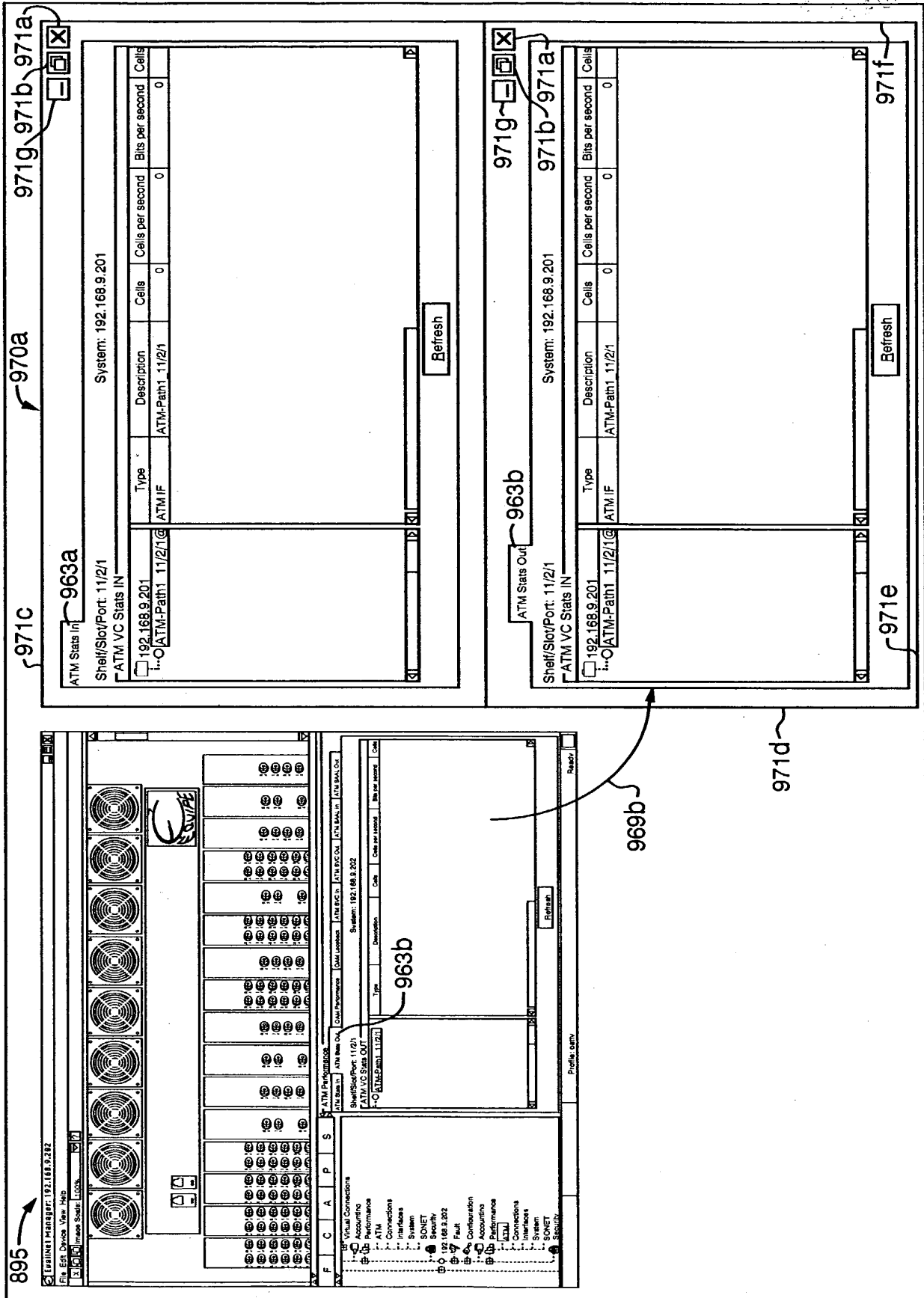


FIG. 9C

FIG. 9D

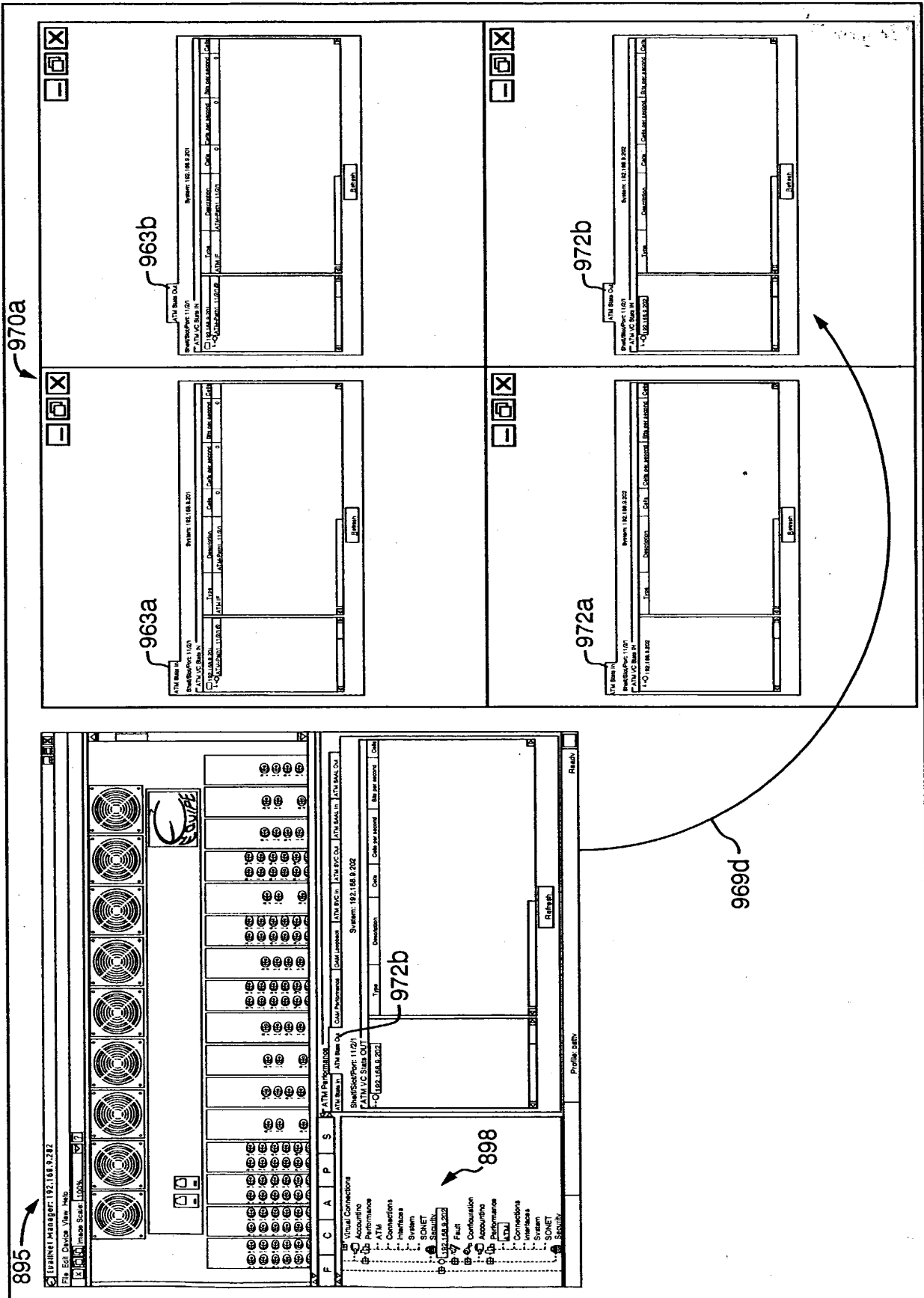


FIG. 9E

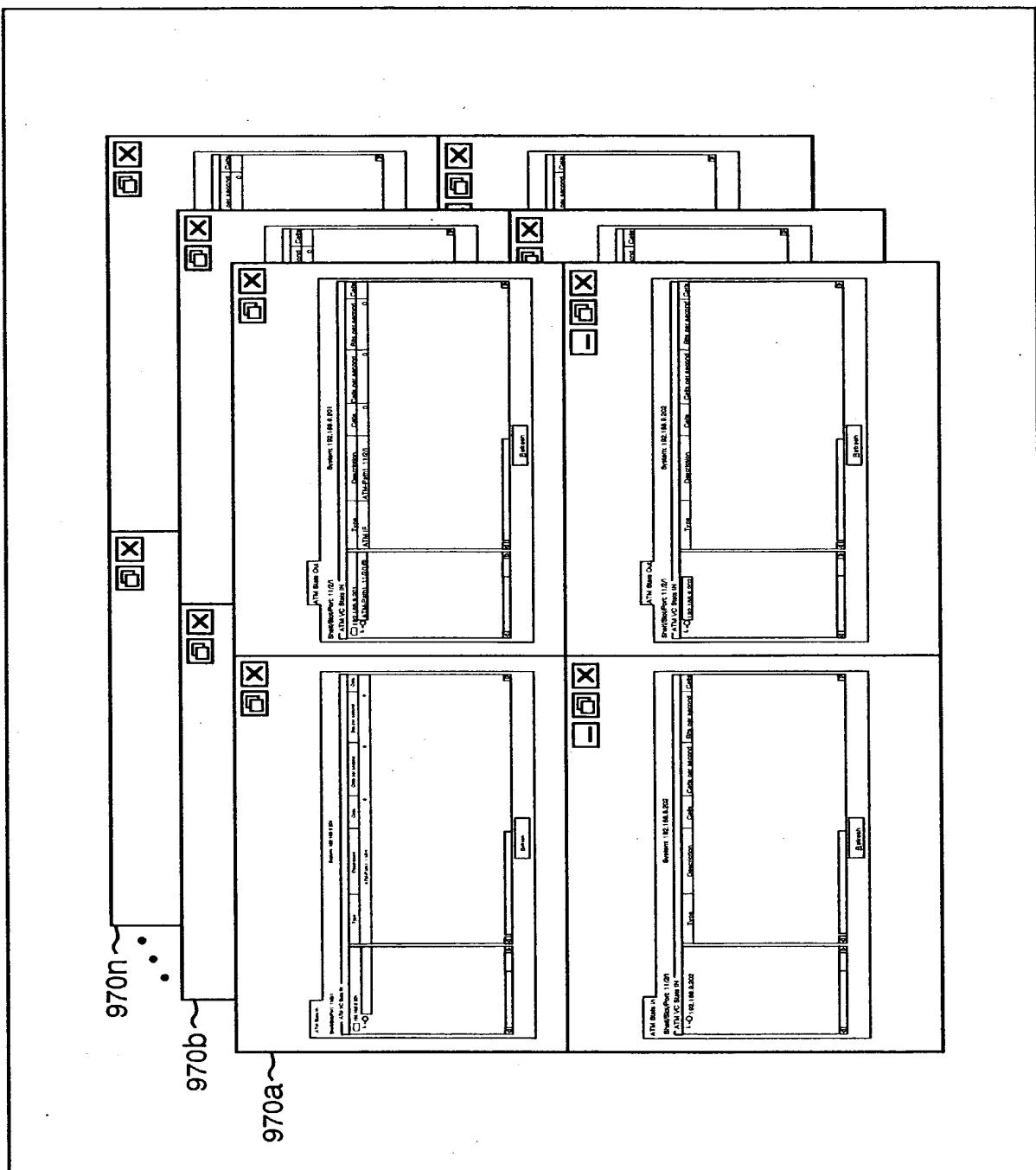


FIG. 9F

ATM Stats Out
963b

Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats OUT

System: 192.168.9.201

ATM Path1_11/2/1

Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

Refresh

ATM Stats In
963a

Shelf/Slot/Port 11/2/1
System: 192.168.9.201

ATM VC Stats IN

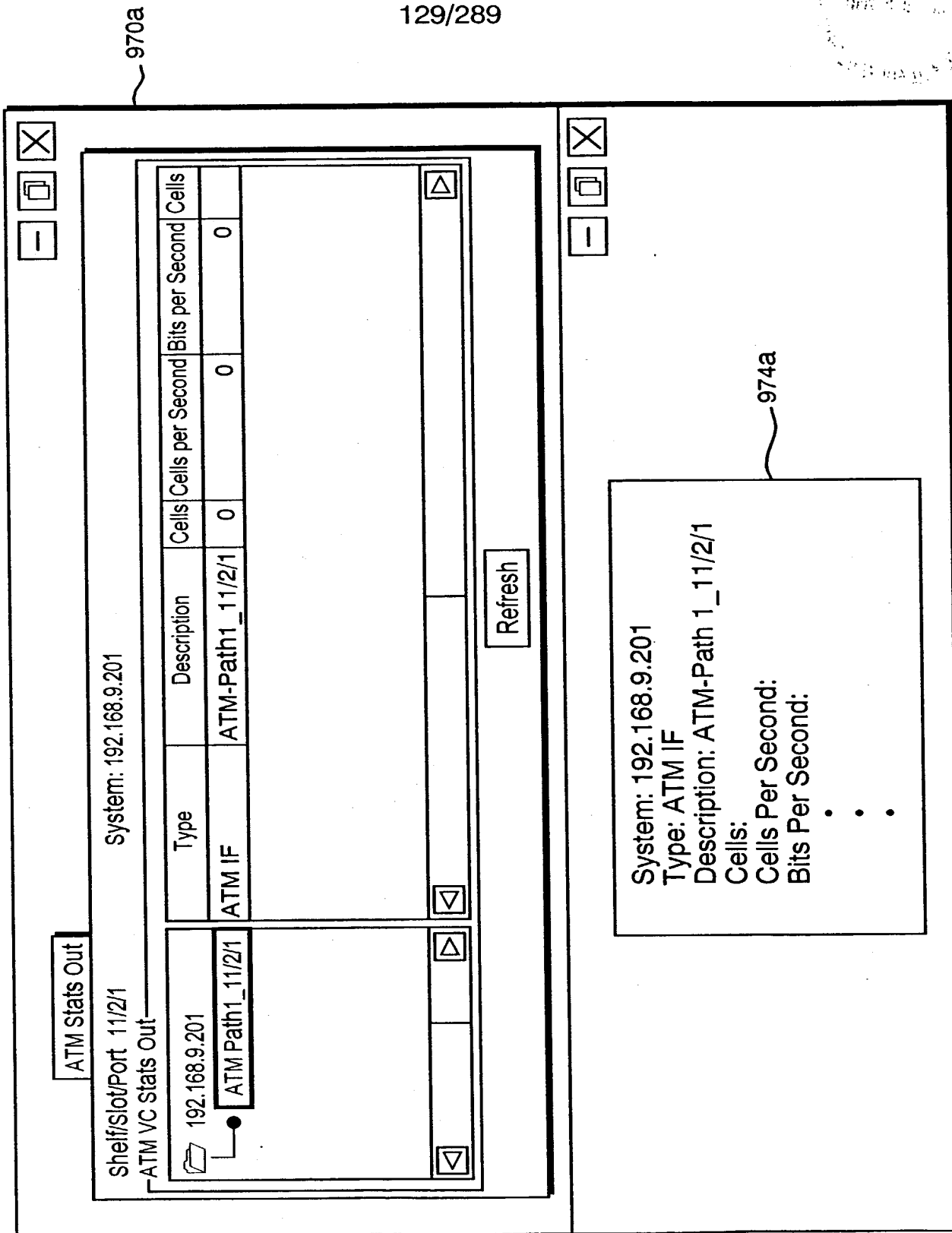
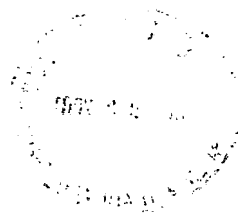
System: 192.168.9.201

ATM Path1_11/2/1

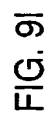
Type	Description	Cells	Cells per Second	Bits per Second	Cells
ATM IF	ATM-Path_11/2/1	0	0	0	0

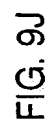
Refresh

FIG. 9G



970a





ATM Stats Out
System: 192.168.9.201

System: 192.168.9.201

ATM Path1_11/2/1

Type

ATM IF

Description

ATM-Path_11/2/1

Cells per Second

0

Bits per Second

0

Cells

0

Shelf/Slot/Port 11/2/1

ATM VC Stats OUT

Type

ATM IF

Description

ATM-Path_11/2/1

Cells per Second

0

Bits per Second

0

Cells

0

Refresh

ATM Interface Properties - 192.168.9.202
X

Shelf/Slot/Port: 11/4/1

Path Name: Path2_11/2/1

ATM Properties

ATM-Path_11/2/1

Name

1

Minimum VPI bits

8

Maximum VPI bits

5

Minimum VCI bits

16

Maximum VCI bits

OK

Cancel

FIG. 9K

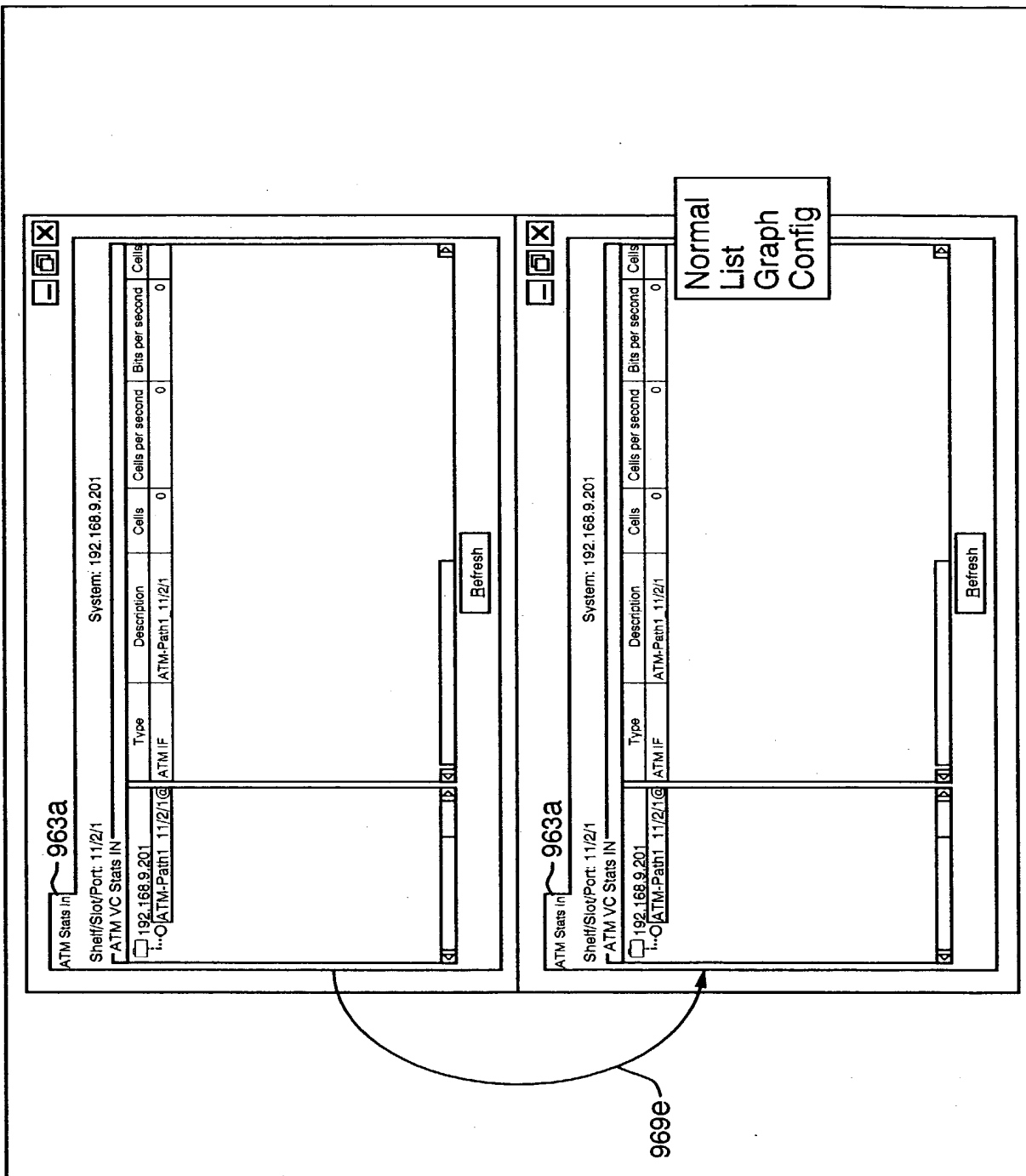
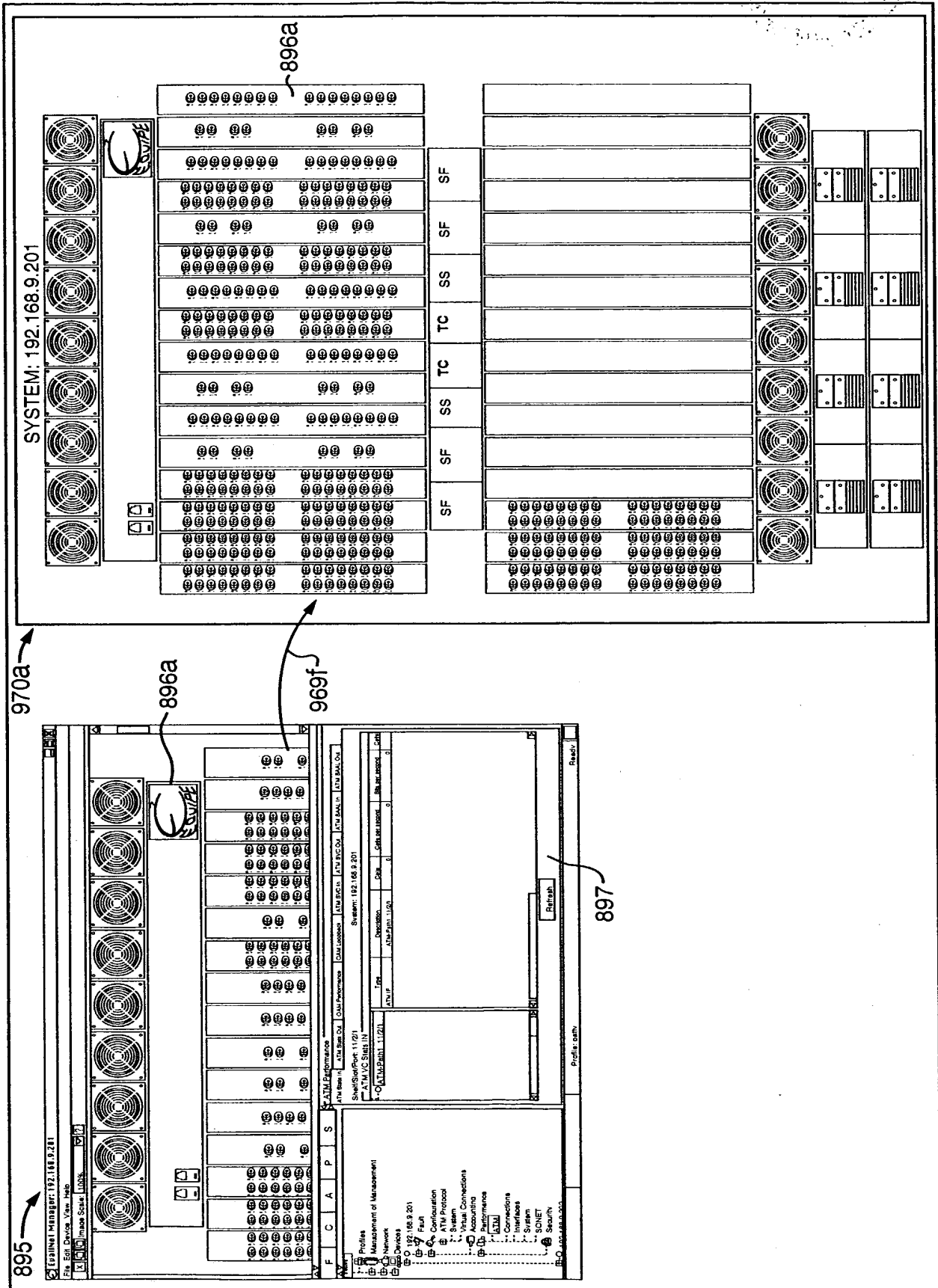


FIG. 9L



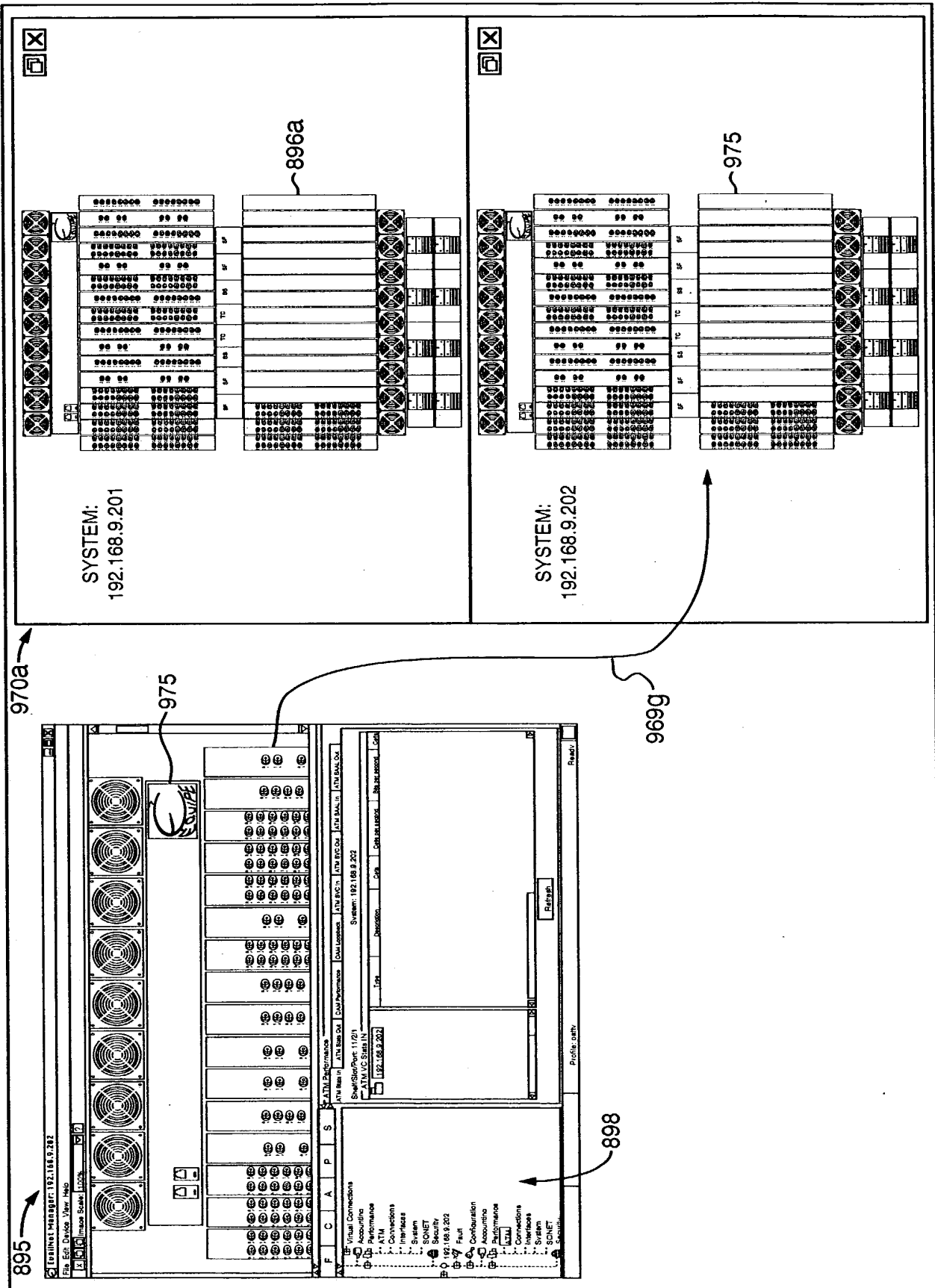
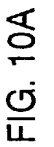


FIG. 9N



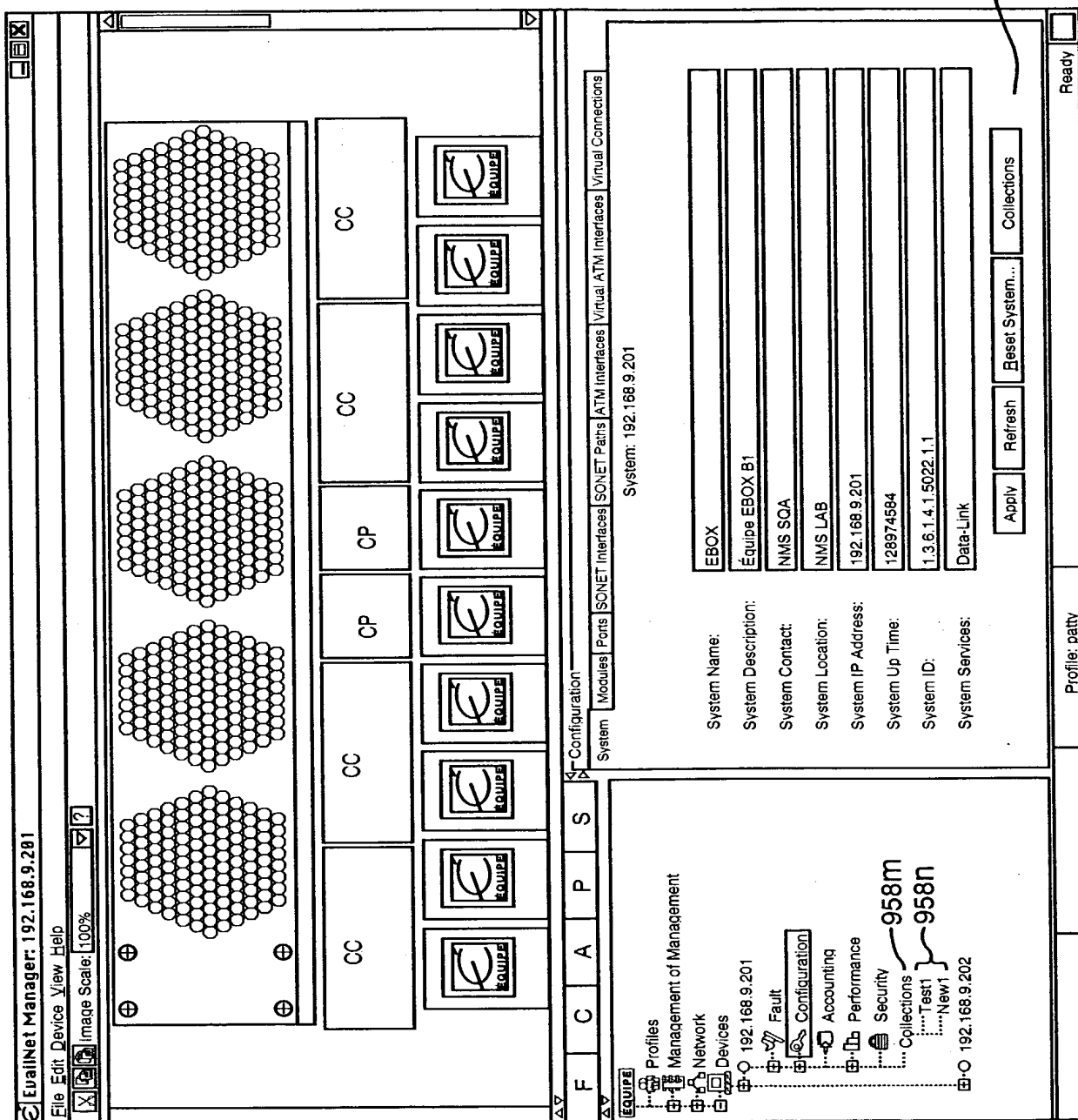


FIG. 10B

895 →

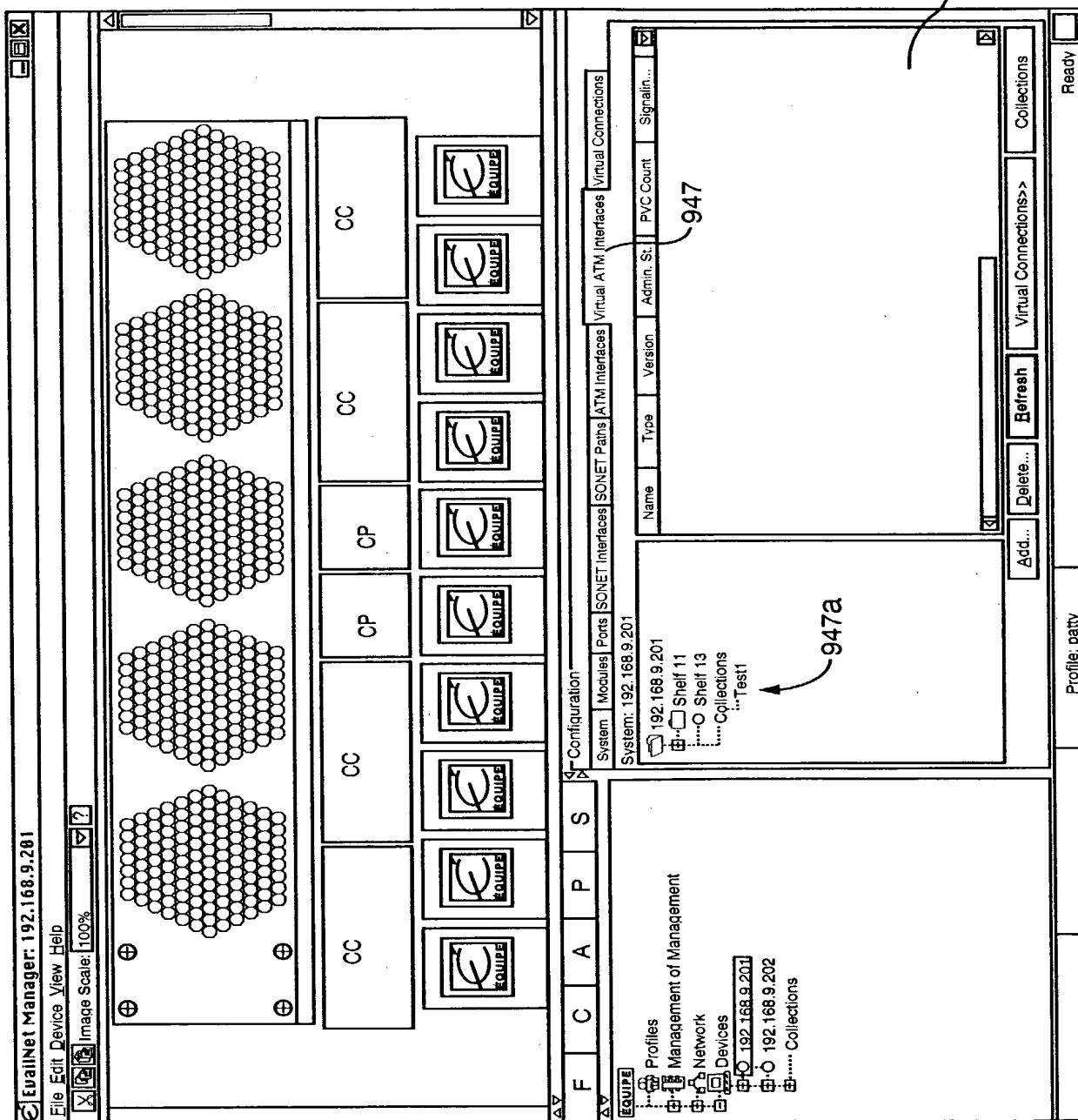


FIG. 10C



FIG. 10E

FIG. 10F

FIG. 10D

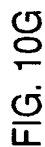


FIG. 10G

EvalNet Manager: 192.168.9.201

File Edit Device View Help

Image Scale: 100%

Configuration

System Modules Ports SNET Interfaces SNET Paths ATM Interfaces Virtual ATM Interfaces Virtual Connections

System: 192.168.9.201

SONET Paths

SONET Line	Path Name	Path Positi...	Path Width	Path Type	Service	Ingress	Egress
Shelf 11/Slot 1/Port 12	Path1_11/1/12	1	STS-3c	Terminated	ATM		
Shelf 11/Slot 1/Port 13	Path1_11/1/13	1	STS-3c	Terminated	ATM		
Shelf 11/Slot 2/Port 1	Path1_11/2/1	1	STS-3c	Terminated	ATM		
Shelf 11/Slot 2/Port 4	Path1_11/2/4	1	STS-3c	Terminated	ATM		
Shelf 11/Slot 2/Port 5	Path1_11/2/5	1	STS-3c	Terminated	ATM		
Shelf 11/Slot 2/Port 11	Path1_11/2/11	1	STS-3c	Terminated	ATM		
Shelf 11/Slot 2/Port 12	Path1_11/2/12	1	STS-3c	Terminated	ATM		
Shelf 11/Slot 4/Port 1	Path1_11/4/1	1	STS-12c	Terminated	ATM		
Shelf 11/Slot 4/Port 1	Path1_11/4/1	13	STS-12c	Terminated	ATM		
Shelf 11/Slot 4/Port 1	Path1_11/4/1	25	STS-12c	Terminated	ATM		
Shelf 11/Slot 4/Port 1	Path1_11/4/1	37	STS-12c	Terminated	ATM		
Shelf 11/Slot 4/Port 2	Path1_11/4/2	1	STS-3c	Terminated	ATM		
Shelf 11/Slot 4/Port 2	Path1_11/4/2	4	STS-3c	Terminated	ATM		

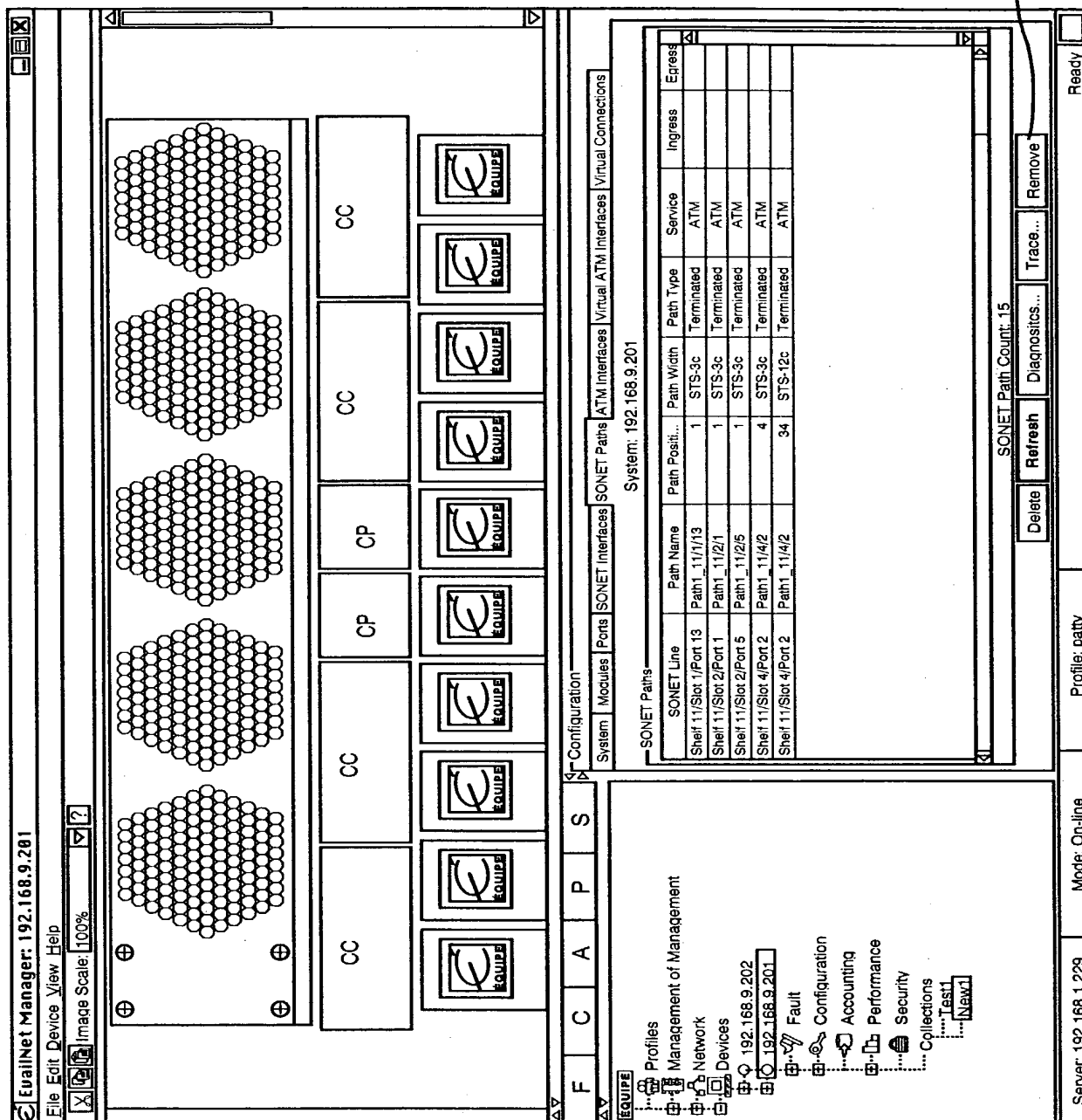
SONET Path Count: 15

Delete Refresh Diagnostics... Trace...

Server: 192.168.1.229 Mode: On-line Profile: patty

Ready

Profiles
Management of Management
Network
Devices
192.168.9.202
192.168.9.201



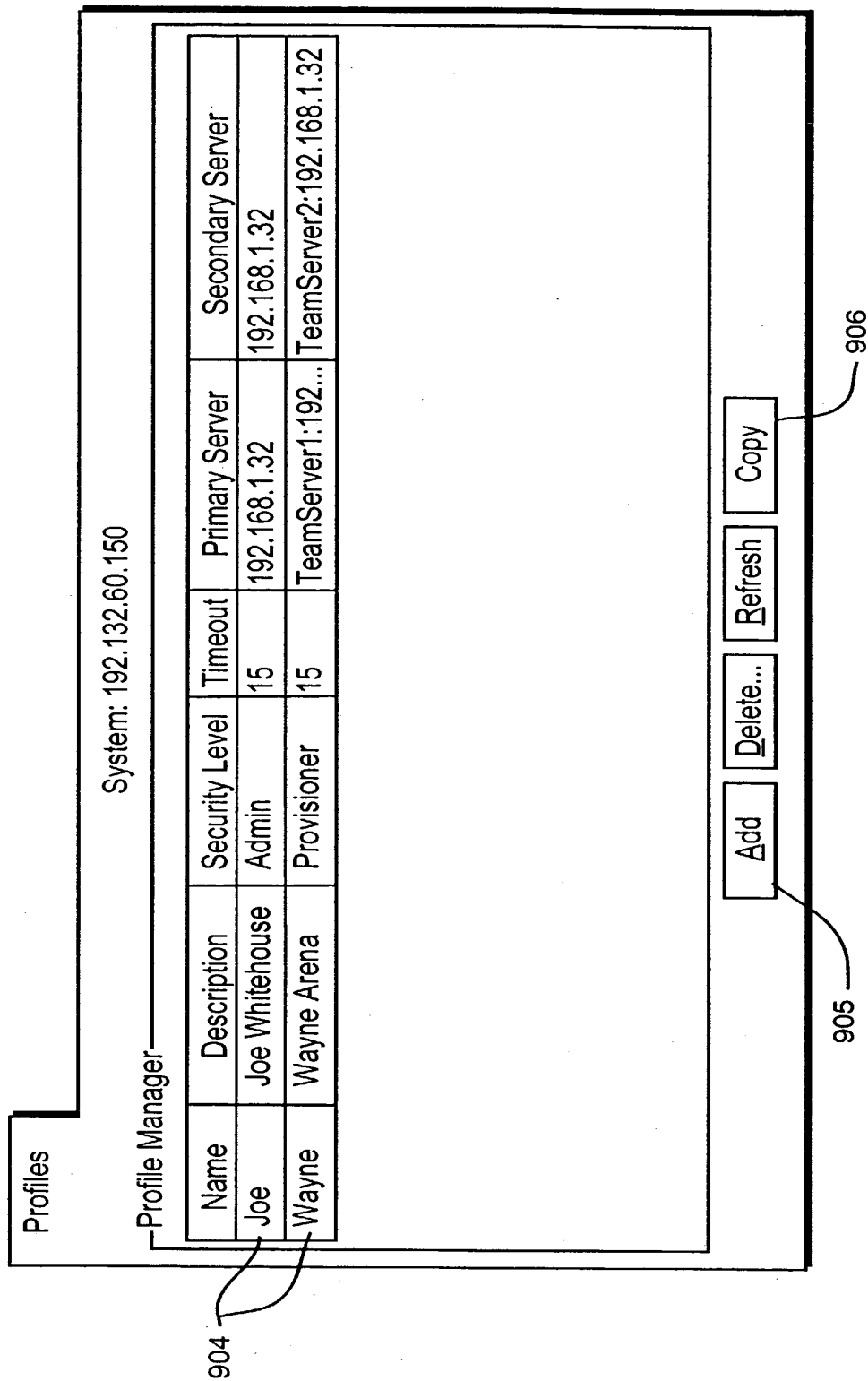


FIG. 11A

TO
FIG. 11C

FIG. 11B

FROM
FIG. 11B

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Servers

Primary Server:	192.168.1.220
Primary Server Port:	6500
Secondary Server:	192.168.1.221
Secondary Server Port:	6503

Devices

Device	READ	READ/WRITE	Retry	Timeout
192.168.9.202	public	equipe	3	3
192.168.9.205	public	equipe	3	3
192.168.9.216	public	equipe	3	3

908g

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908n

908m

908l

908k

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908d

908c

908b

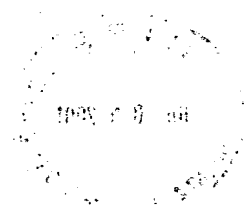
908a

908z

908y

908x

908w



General

Policies

Servers

Devices

Primary Server:

Primary Server Port:

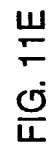
Secondary Server:

Secondary Server Port:

192.168.1.220	
6500	
192.168.1.205	
6503	

908t ~

FIG. 11D



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				<input type="button" value="X"/> <input type="button" value="□"/> <input type="button" value="−"/>			
General		Policies	Servers	Devices			
Username:				Kevin			
Description:				Kevin Snow user account			
Customer Name:				Equipe			
Group Level Access:				<input type="button" value="▽"/>			
Password:				*****			
Confirm Password:				*****			
				908t ~ <input type="button" value="OK"/> <input type="button" value="Cancel"/>			

FIG. 11F

General

Policies

Servers

Devices

☐ User Cannot Change Password

☐ Account Disabled

☒ User Can Add Devices

User Session Timeout: Minutes

908t ~

OK

Cancel

FIG. 11G

FIG. 11H

FIG. 111

TO
FIG. 11J

FROM
FIG. 111

Servers

Primary Server:

Primary Server Port:

Secondary Server:

Secondary Server Port:

192.168.1.220

6500

192.168.1.221

6503

Devices

Device	READ	READ/WRITE	Retry	Timeout
192.168.9.202	public	equipe	3	3
19 Group List				
19 Walmart-East				
19 Walmart-West				
19 Kmart 1				
19 Sears-Northeast				

Add

Delete

FIG. 11J

<div style="display: flex; justify-content: space-between;"> EvailNet Manager: SONET Path Configuration - 11/8/5 System: 192.168.9.201 </div>							
SONET Line		Graphical Representation					
Slot <input type="text" value="8"/> Port <input type="text" value="5"/> Type <input type="text" value="OC12"/>		Position <input type="text" value="1"/> Width <input type="text" value="STS-12C"/>					
SONET Path Wizard							
<input checked="" type="radio"/> Configure a single concatenated path (STS-12c) <input type="radio"/> Configure <input type="text" value="4"/> <input type="text" value="STS-3C"/> <input type="text" value="paths"/> <input type="radio"/> Custom Configuration							
Path Table							
SONET Line	Path Name	Path Posit.	Path Wi.	Path Ty.	Servi.	Ingress Conne.	Egress Conne.
11/8/5	Path1_11/...	1	STS-12c	Termin.	ATM		
<input type="button" value="Modify"/>							
1002e				1002b			
<input type="button" value="OK"/>				<input type="button" value="Cancel"/>			
1002d				1002c			
Group Name:				<input type="text"/>			

FIG. 11K

FIG. 11L

FIG. 11M

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MANAGED RESOURCE GROUP TABLE 1008

1008a	1008b			1008c
	LID	MANAGED DEVICE PID	GROUP NAME	
	1145	1	WALMART-EAST	
	• • •	• • •	• • •	

FIG. 11N

MANAGED RESOURCE TABLE 1007

1007a	1007b			1007c
	LID	RESOURCE LID	MANAGE RESOURCE GROUP LID	
	4443	901	1145	
	• • •	• • •	• • •	

FIG. 11O

FIG. 11P

1995

1006

1006a

-1006C

FIG. 11Q

USER TABLE 1010

		1010b	1010c	1010d	
1010a	LID	USERNAME	PASSWORD	GROUP LEVEL ACCESS	
	2012	DAVE	MARBLE	PROVISIONER	1010e
	⋮	⋮	⋮		

FIG. 11R

USER MANAGED DEVICE TABLE 1012

		1012b	1012c	1012d	1012e
1012a	LID	USER LID	HOST LID	RETRY	TIMEOUT
	7892	2012	9046		
	⋮	⋮	⋮	⋮	⋮

FIG. 11S

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ADMINISTRATION MANAGED DEVICE TABLE 1014

LID	HOST ADDRESS	PORT ADDRESS	RETRY	TIMEOUT	ADMIN. PASSWORD	PROV. PASSWORD	VIEWER PASSWORD
9046	192.168.9.202	1521			TEAM 1	TEAM 2	TEAM 3
.
.
.

FIG. 11T



FIG. 11U

USER RESOURCE GROUP MAP TABLE 1016

1016a	1016b		1016c
	LID	USER LID	USER RESOURCE GROUP LID
	8086	2012	1024
	•	•	•
	•	•	•
	•	•	•

FIG. 11V

USER RESOURCE GROUP TABLE 1018

1018a	1018b		1018c
	LID	HOST LID	GROUP NAME
1018d	1024	9046	WALMART-EAST
	•	•	•
	•	•	•
	•	•	•

FIG. 11W

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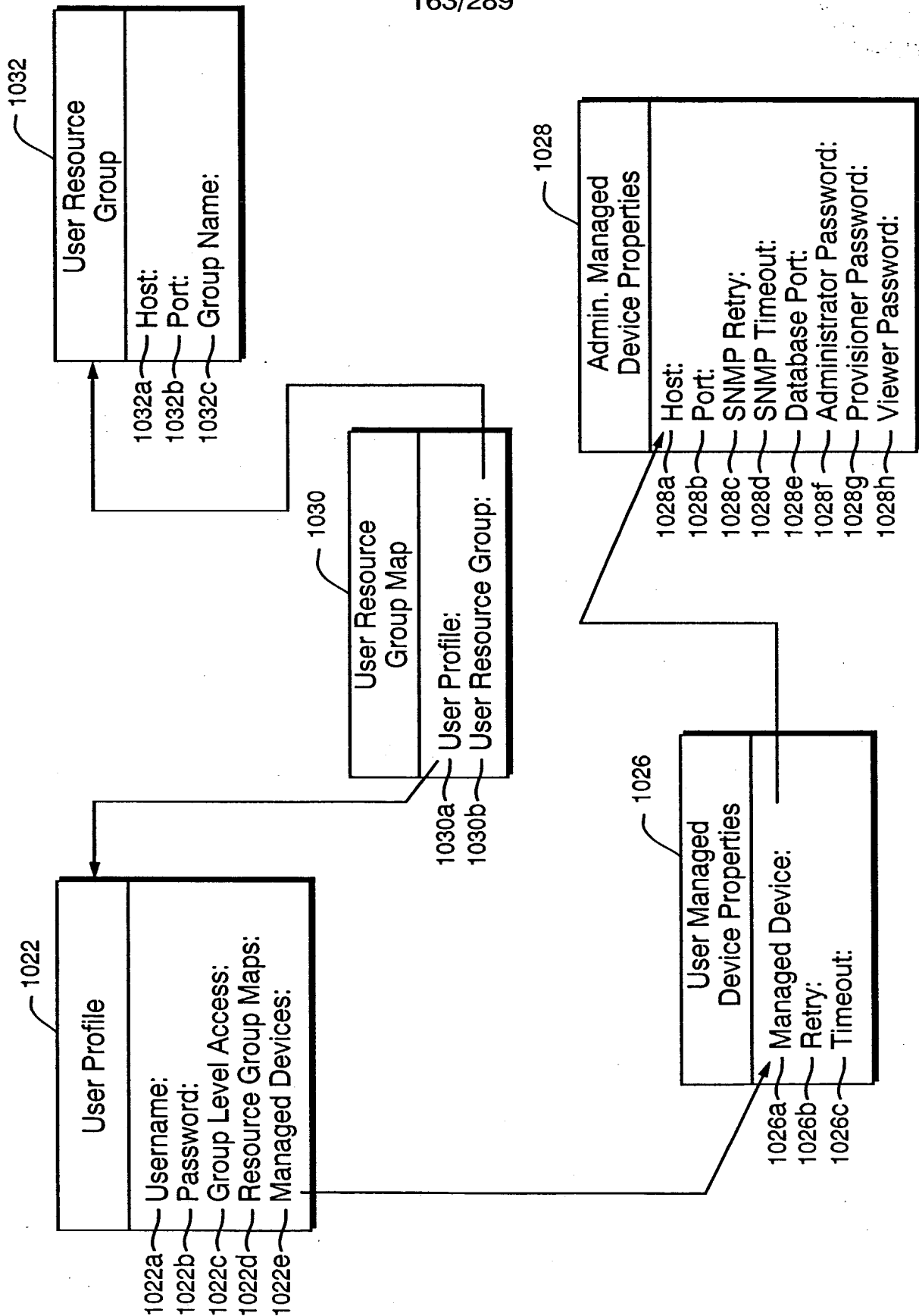


FIG. 11X

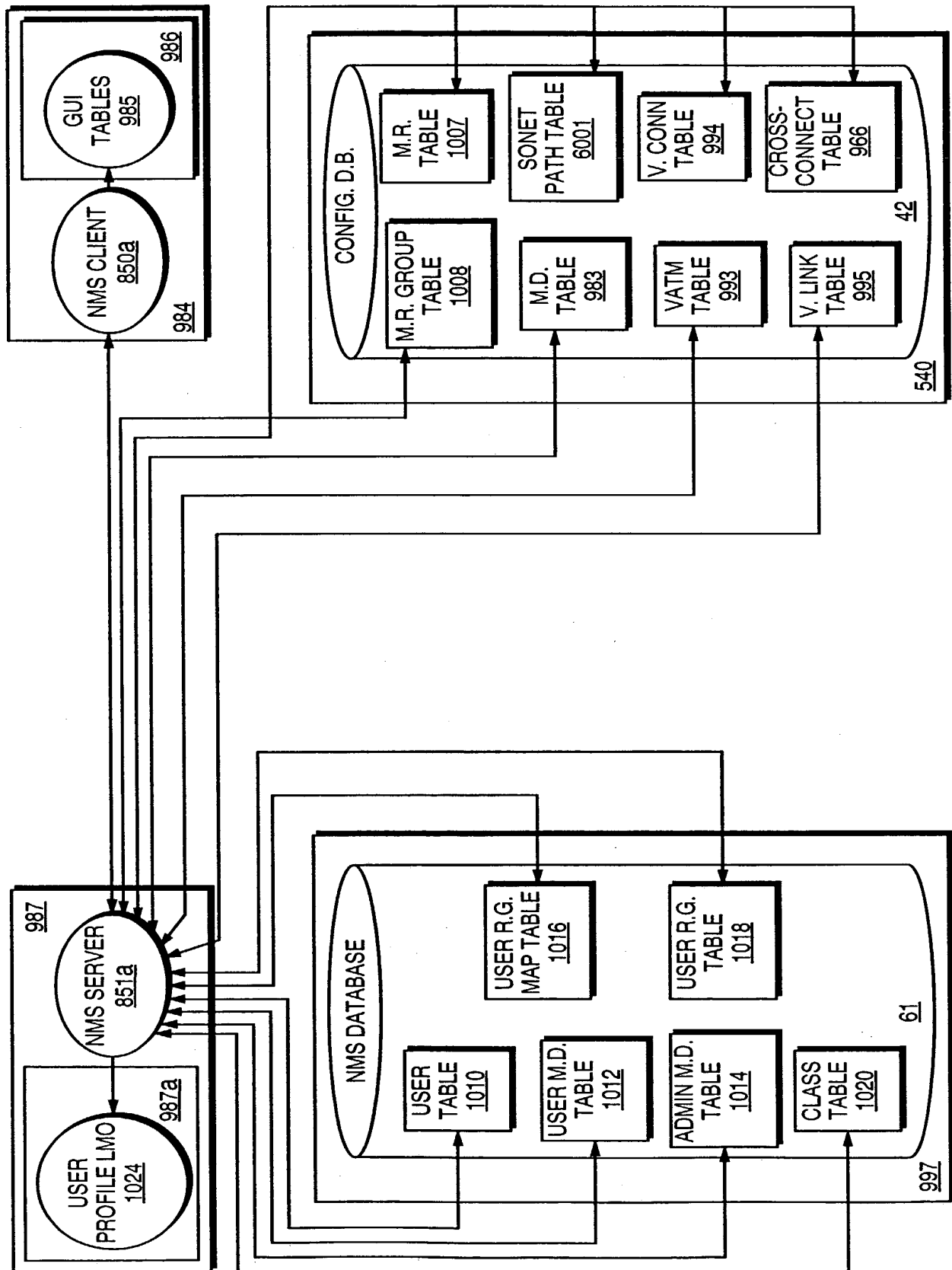


FIG. 11Y

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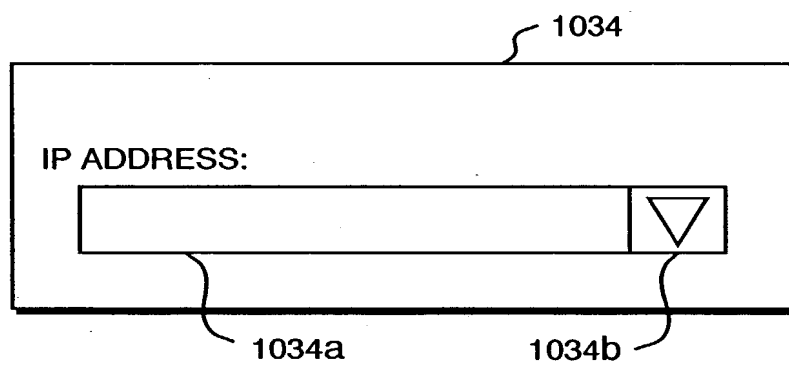


FIG. 11Z

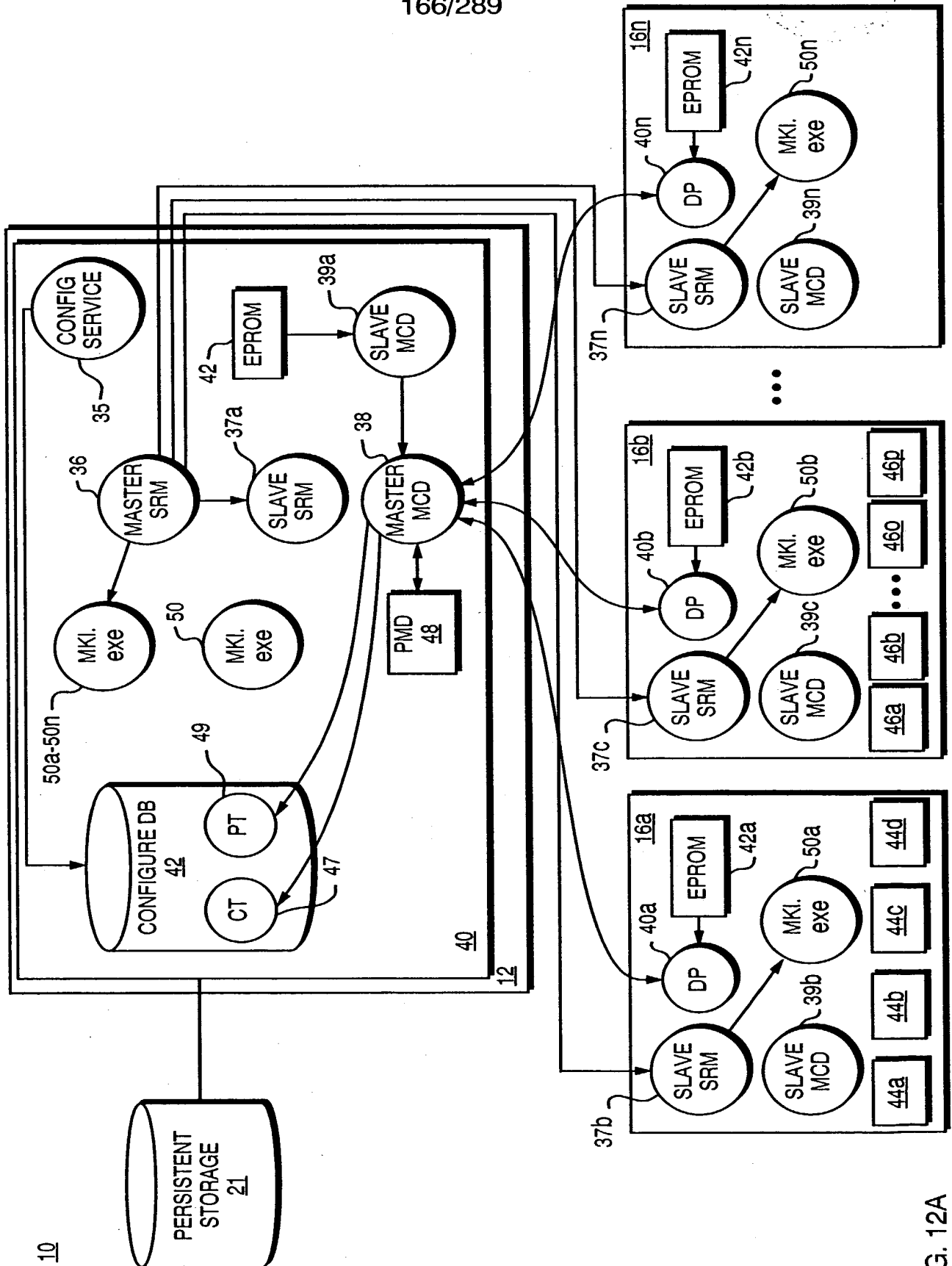


FIG. 12A

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CARD TABLE 47

	PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16a	500	0XF002	3	1	
16b	501	0XF002	4	2	
	⋮	⋮	⋮	⋮	⋮
16e	505	0X6002	1	5	
	⋮	⋮	⋮	⋮	⋮
16n	513	0XF002	1	12	
	⋮	⋮	⋮	⋮	⋮

FIG. 12B

[illegible]PORT TABLE 49

	PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a	1500	00620	1	1	
44b	1501	00620	1	1	
44c	1502	00620	1	1	
44d	1503	00620	1	1	
44a	1504	00820			
46a

	1600	00620	1	8	

FIG. 12C

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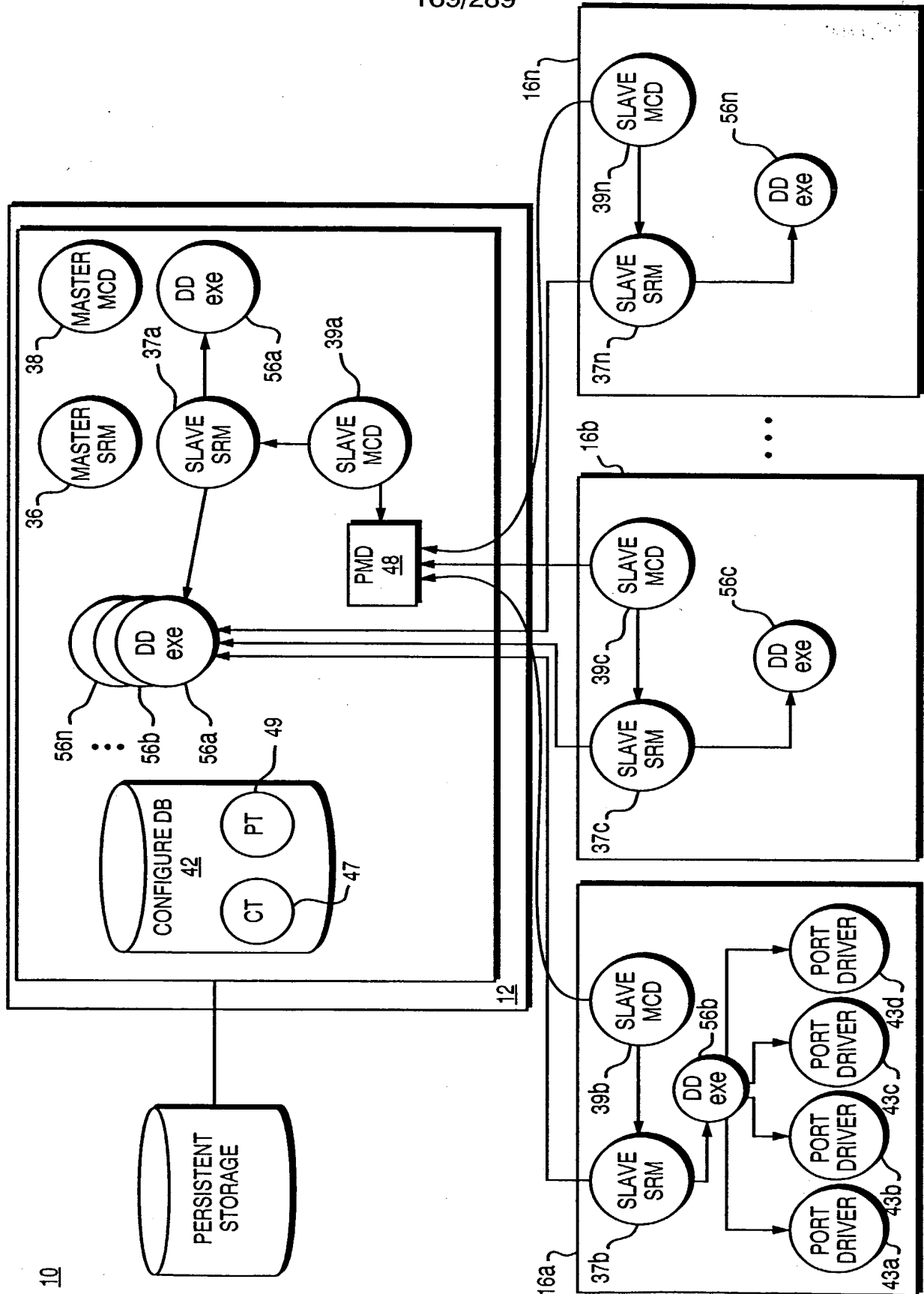


FIG. 13A

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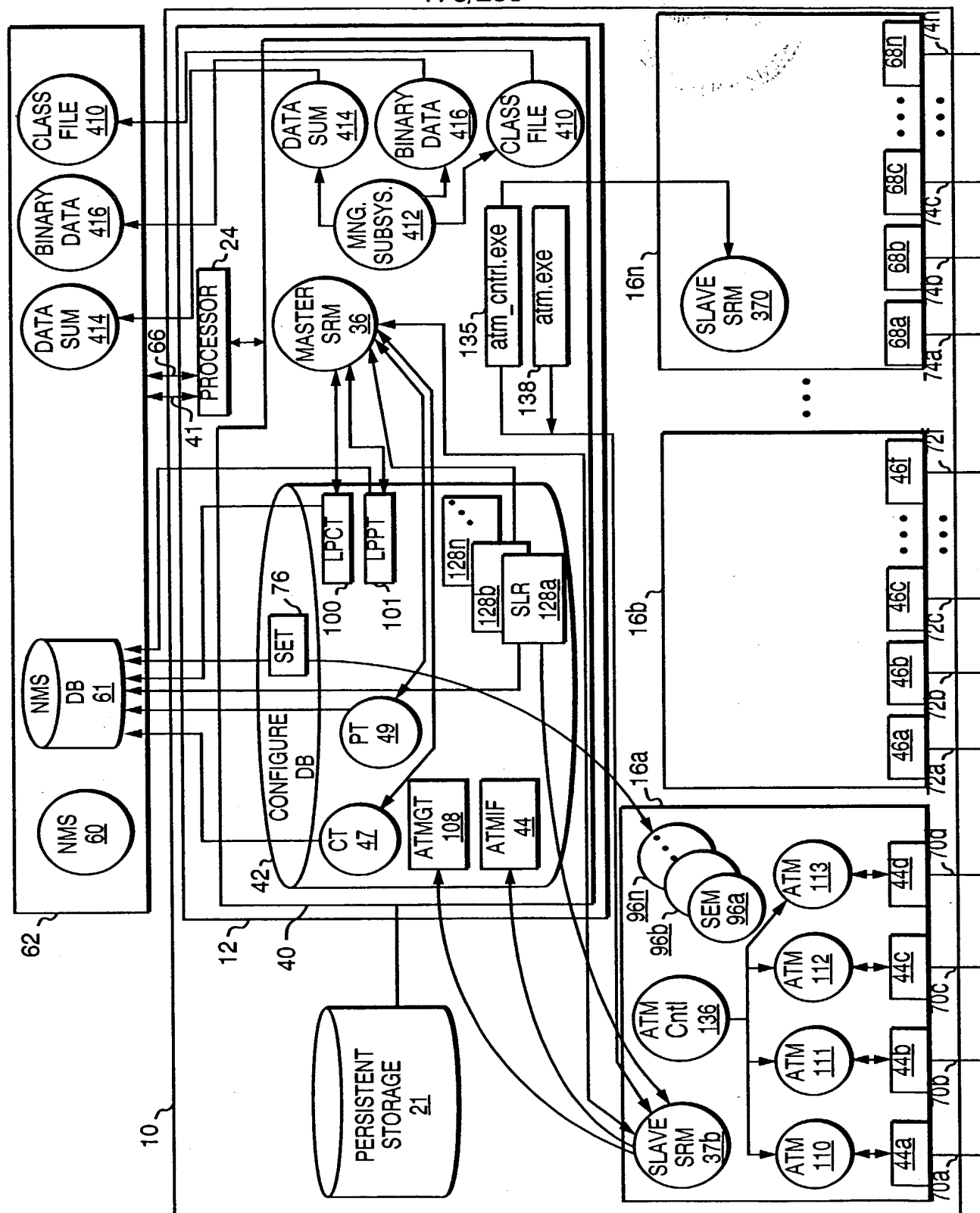


FIG. 13B

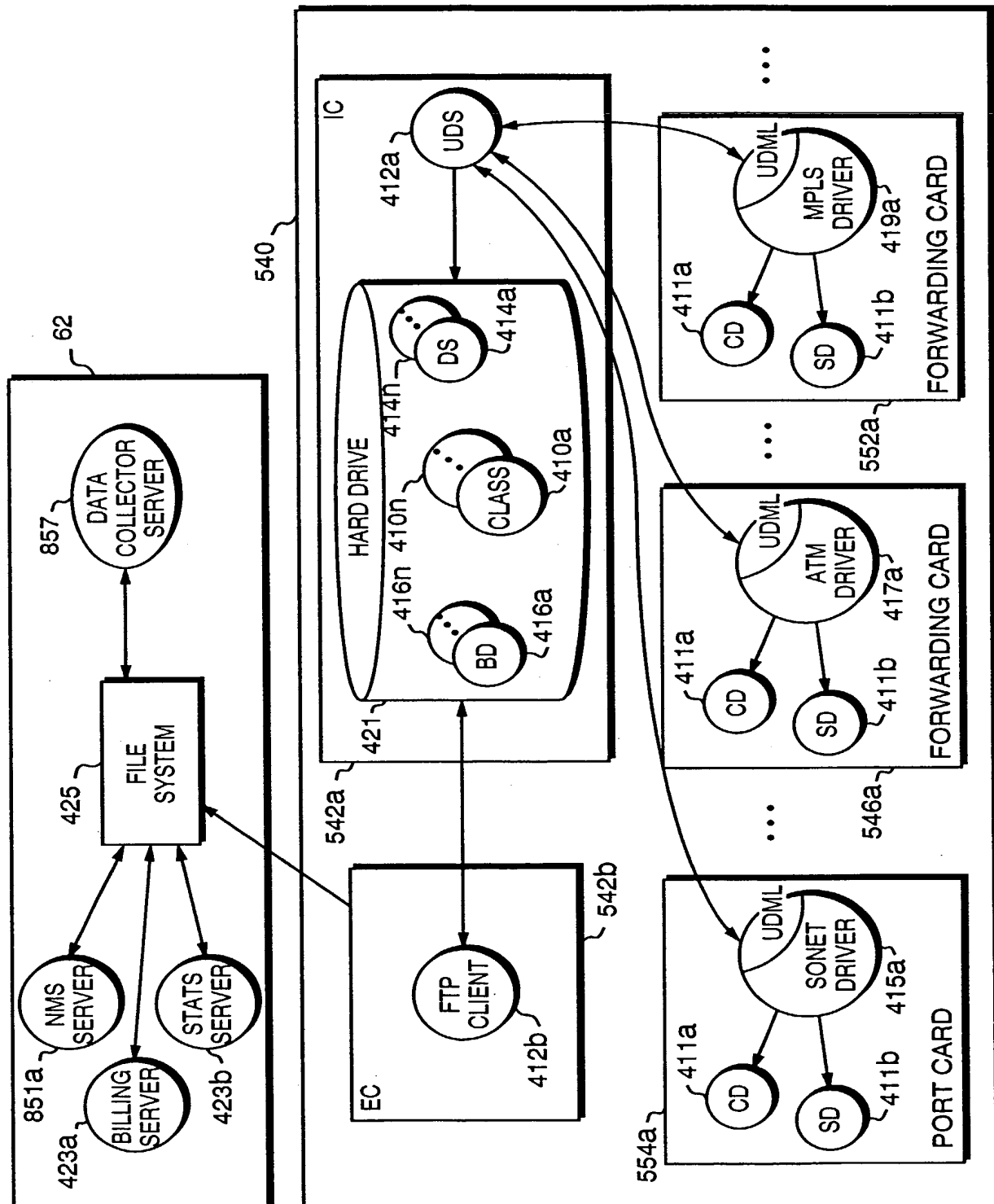


FIG. 13C

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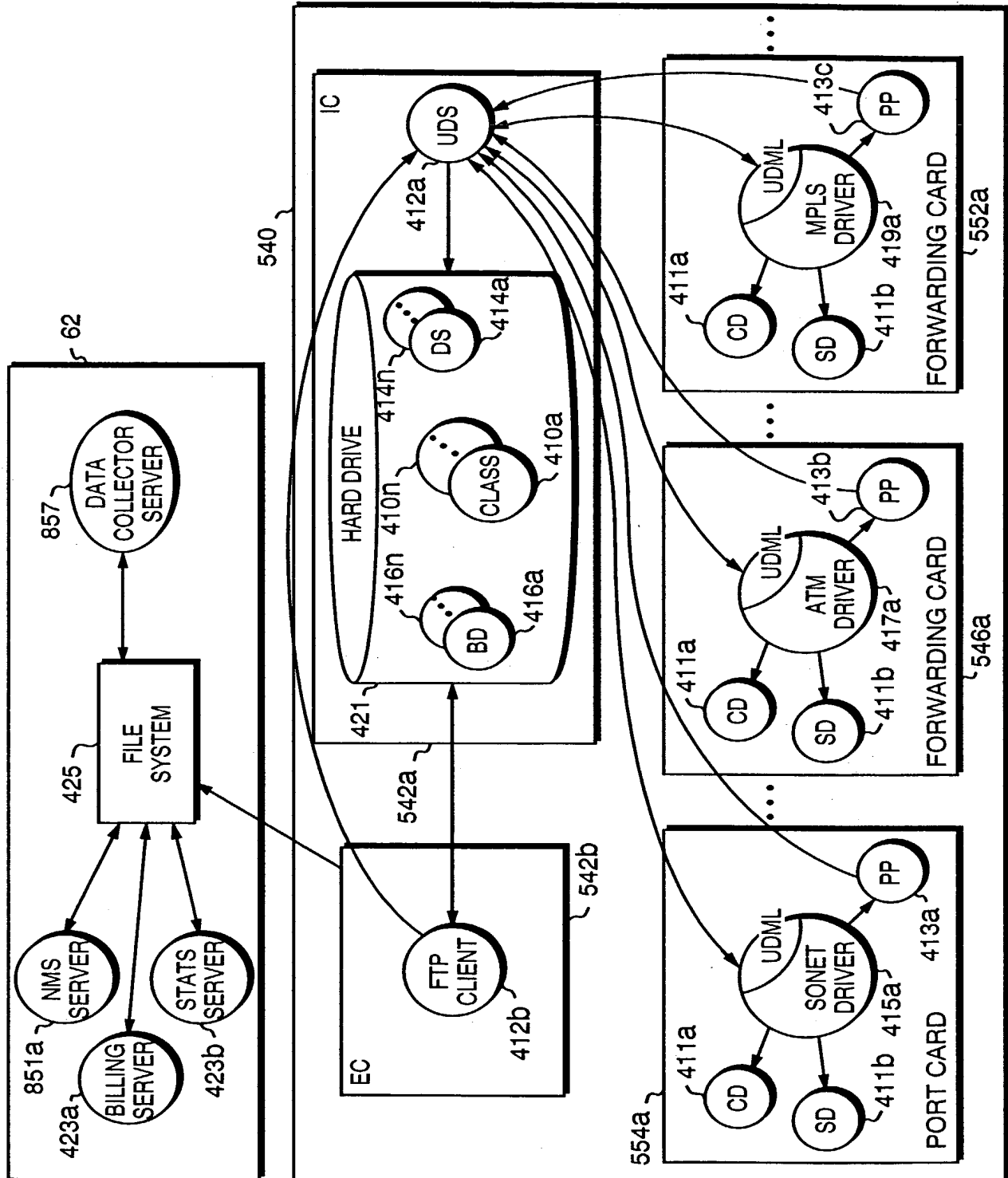


FIG. 13D

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SERVICE ENDPOINT TABLE 76

	SERVICE ENDPOINT #	PORT PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	.	.
	.	.
	.	.

FIG. 14A

LOGICAL TO PHYSICAL CARD TABLE 100

	98 LID	102 PRIMARY PID	104 BACK-UP PID
106	30	500	513
109	31	501	513
	.	.	.
	.	.	.
	.	.	.

FIG. 14B

LOGICAL TO PHYSICAL PORT TABLE 101

	98 LID	102 PRIMARY PID	104 BACK-UP PID
107	40	1500	1600
	.	.	.
	.	.	.
	.	.	.

FIG. 14C

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ATM GROUP TABLE 108

GROUP #	CARD LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 14D

ATM INTERFACE TABLE 114

ATM IF	ATM GROUP	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
.	.	.	.
.	.	.	.
.	.	.	.
12	3	10	
.	.	.	.
.	.	.	.

170

FIG. 14E

SOFTWARE LOAD RECORD 128a

130	CONTROL SHIM	LID	132
134	atm-cntl.exe	30	

FIG. 14F

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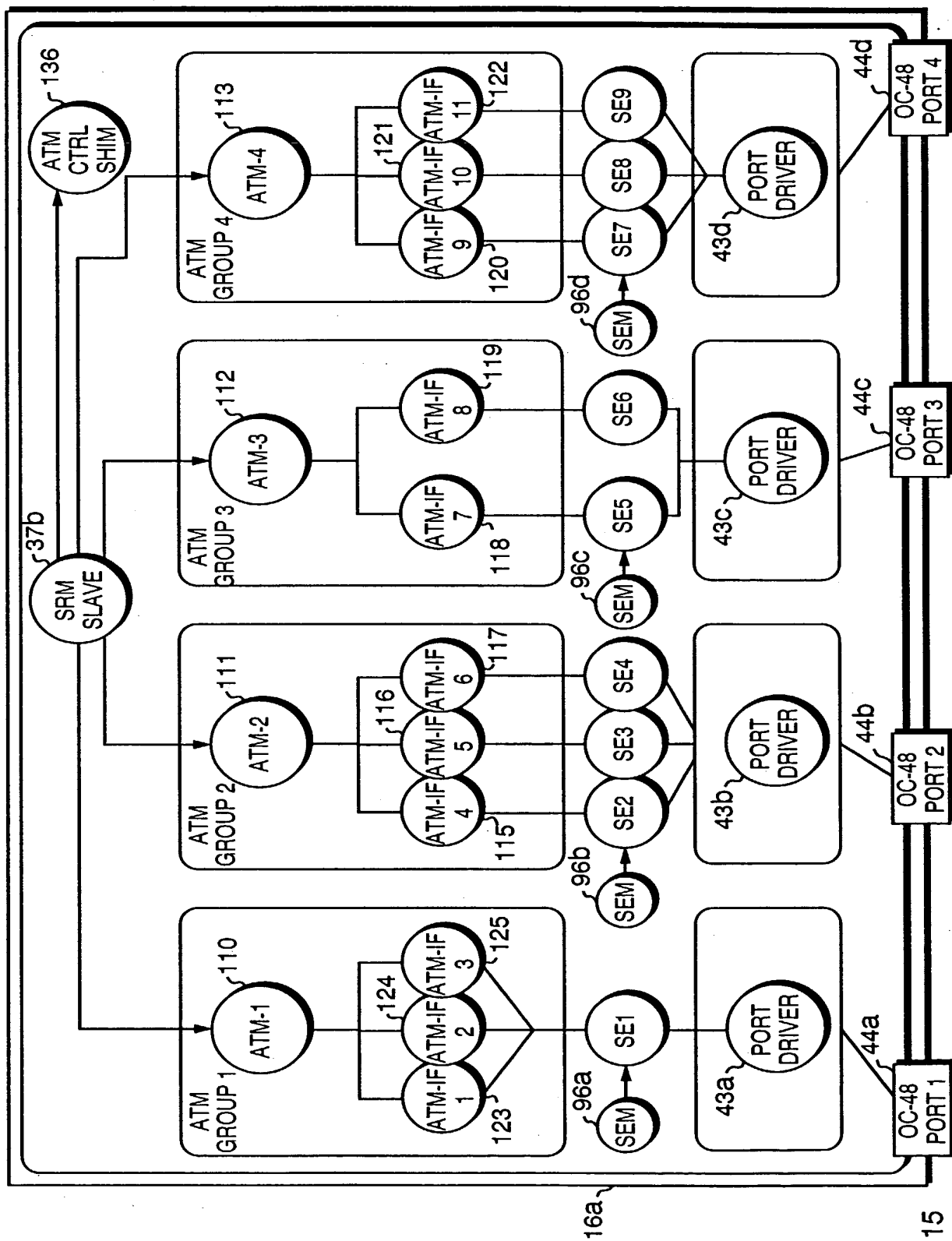


FIG. 15

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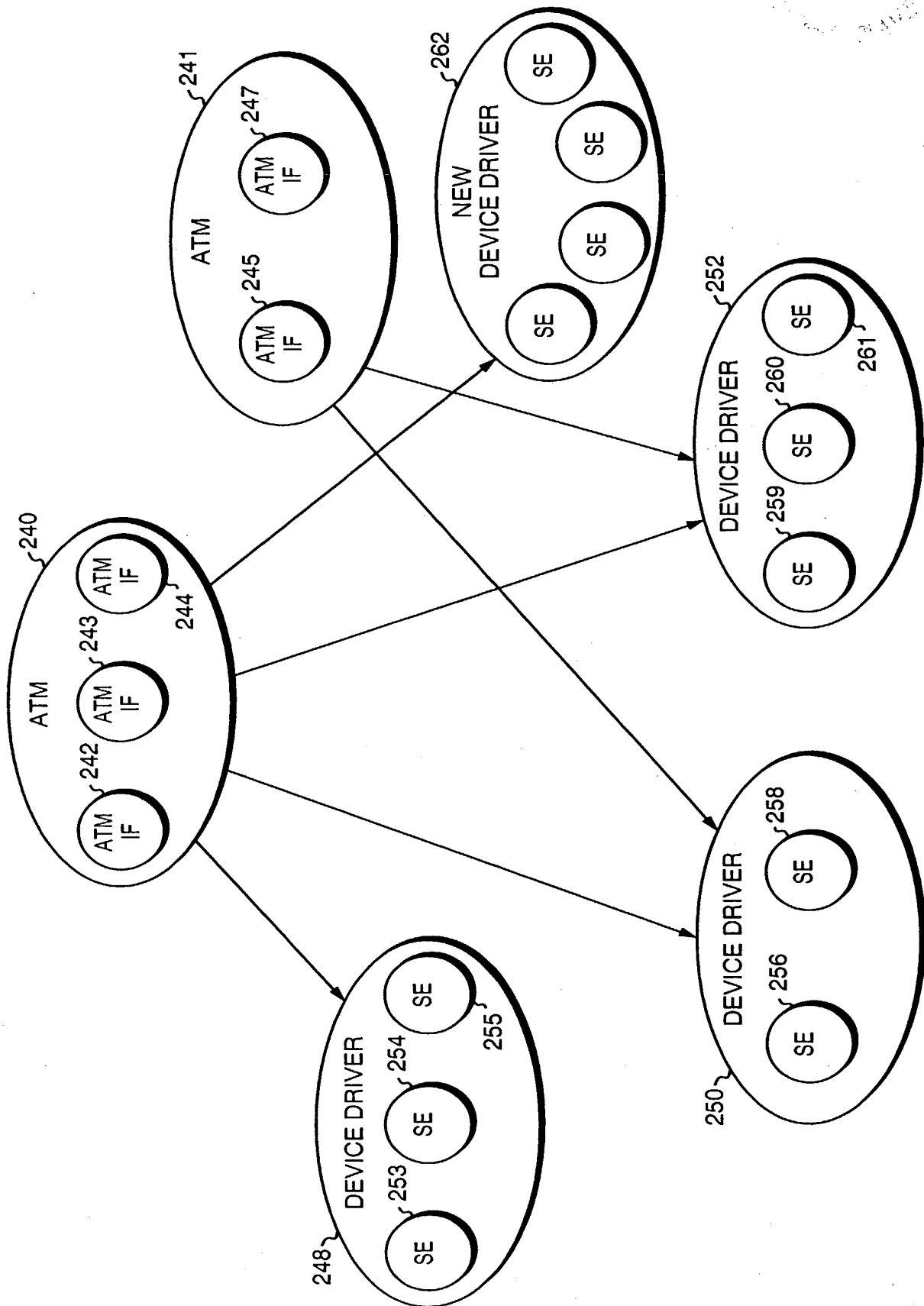


FIG. 16A

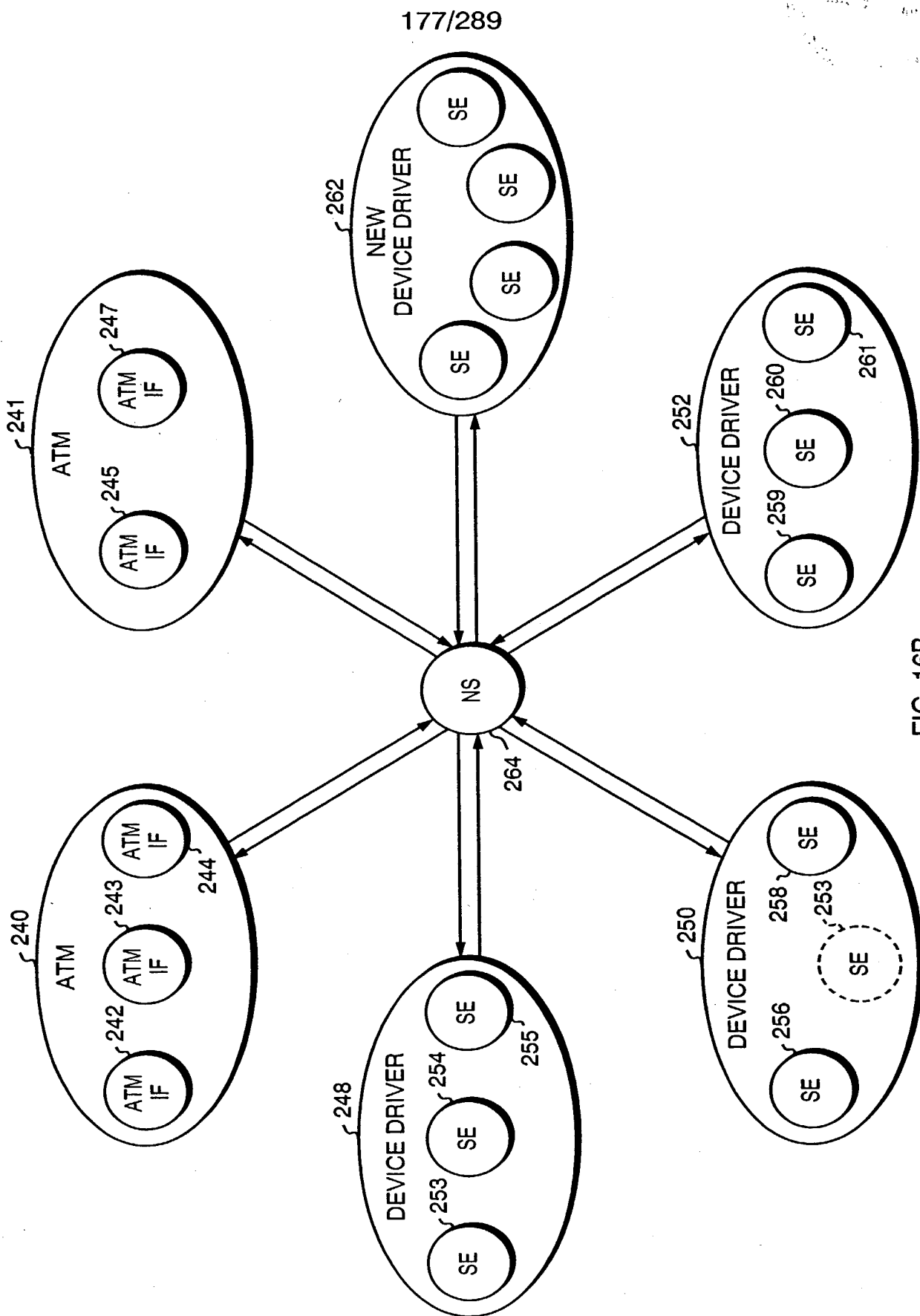


FIG. 16B

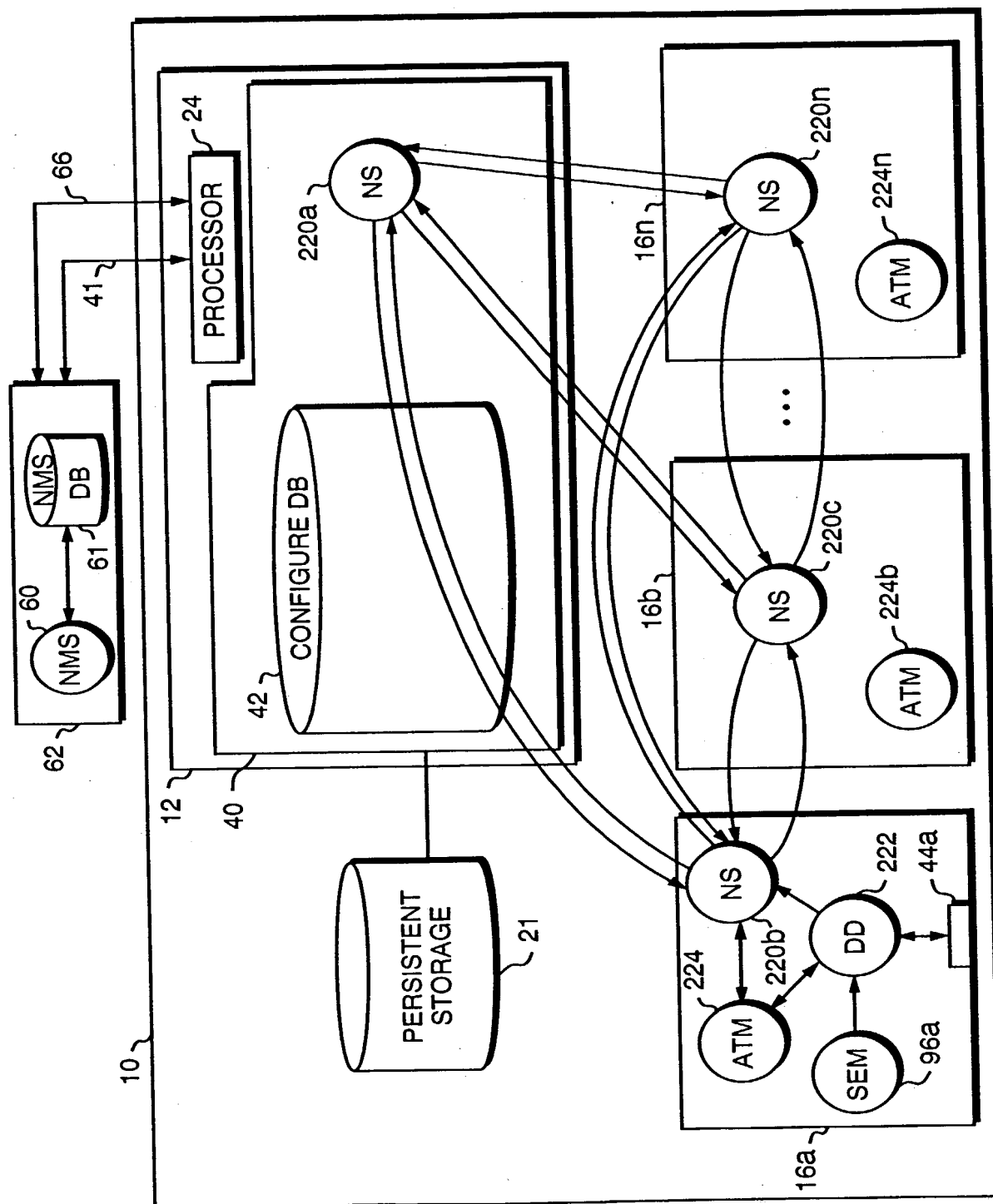


FIG. 16C

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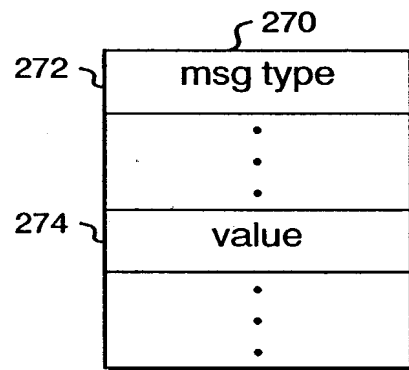


FIG. 16D

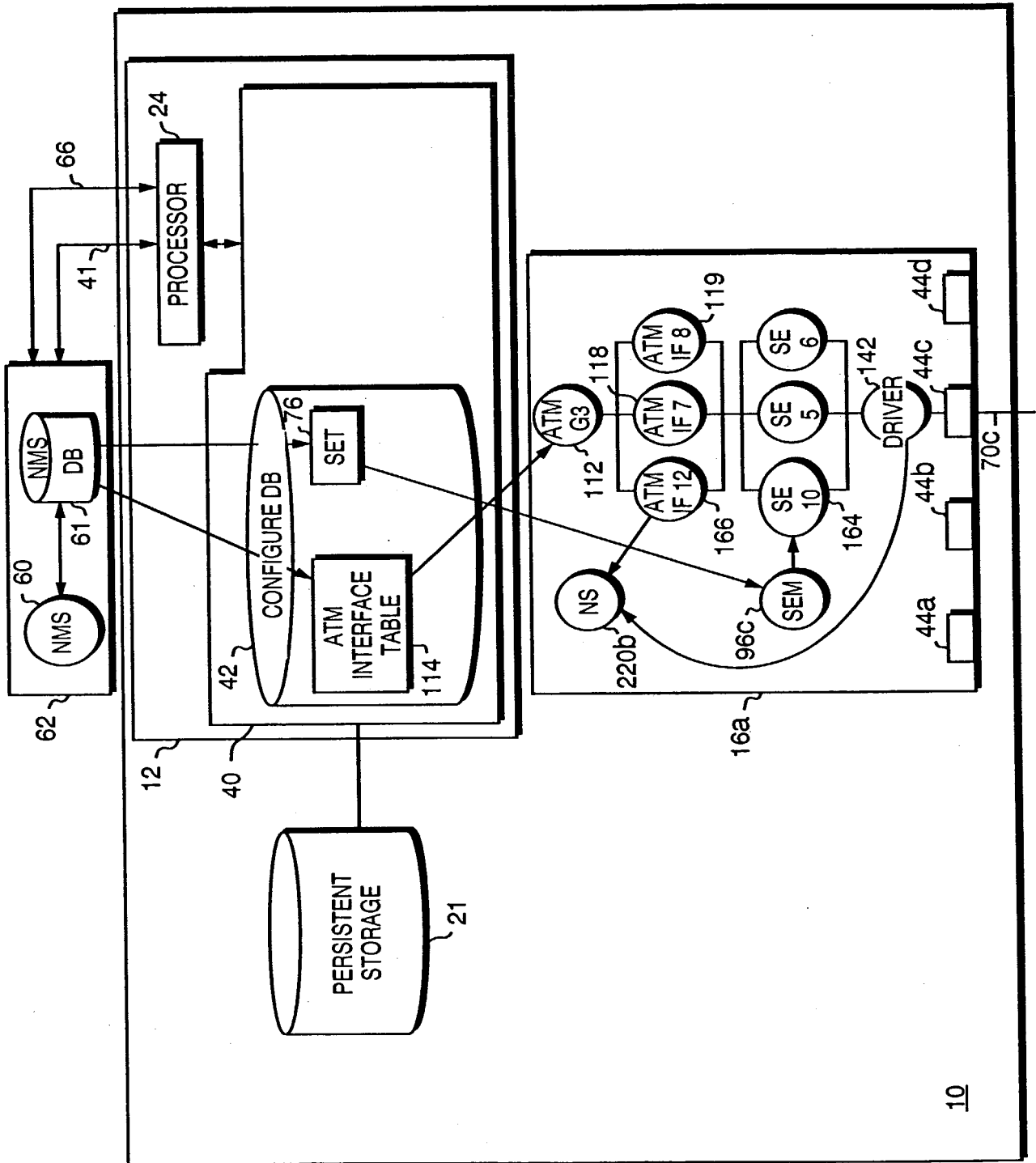


FIG. 17

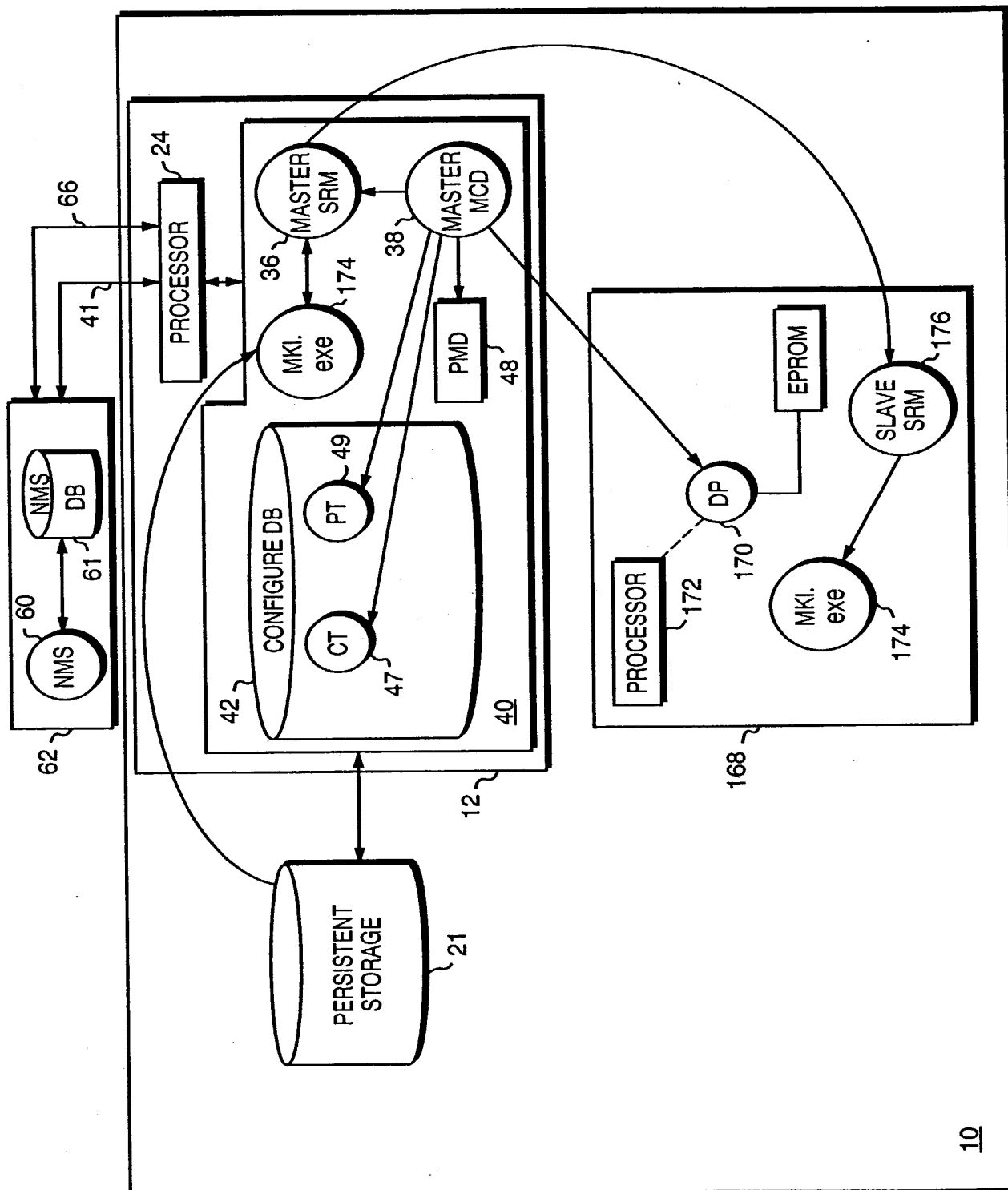


FIG. 18

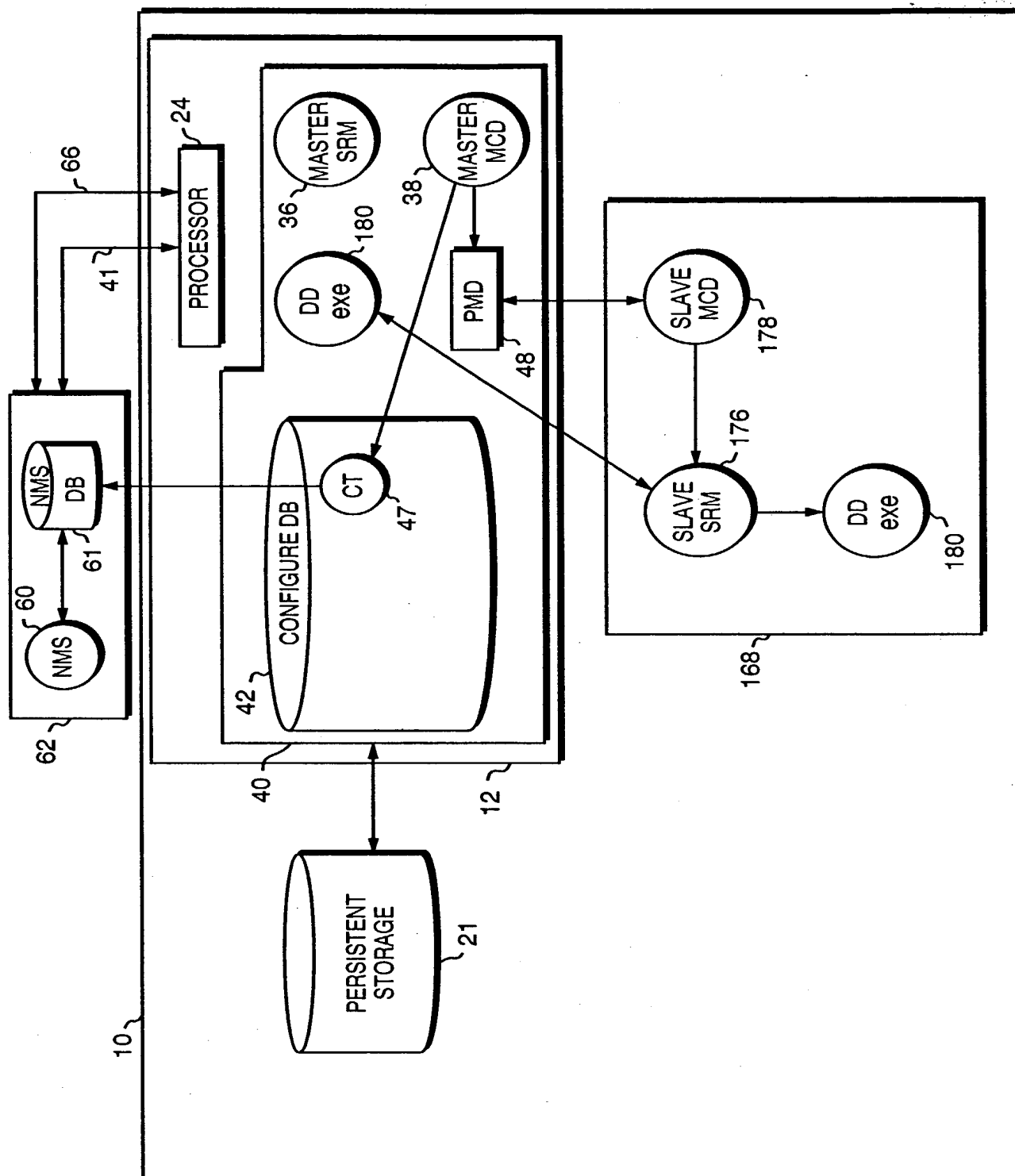


FIG. 19

PACKAGING LIST 1200

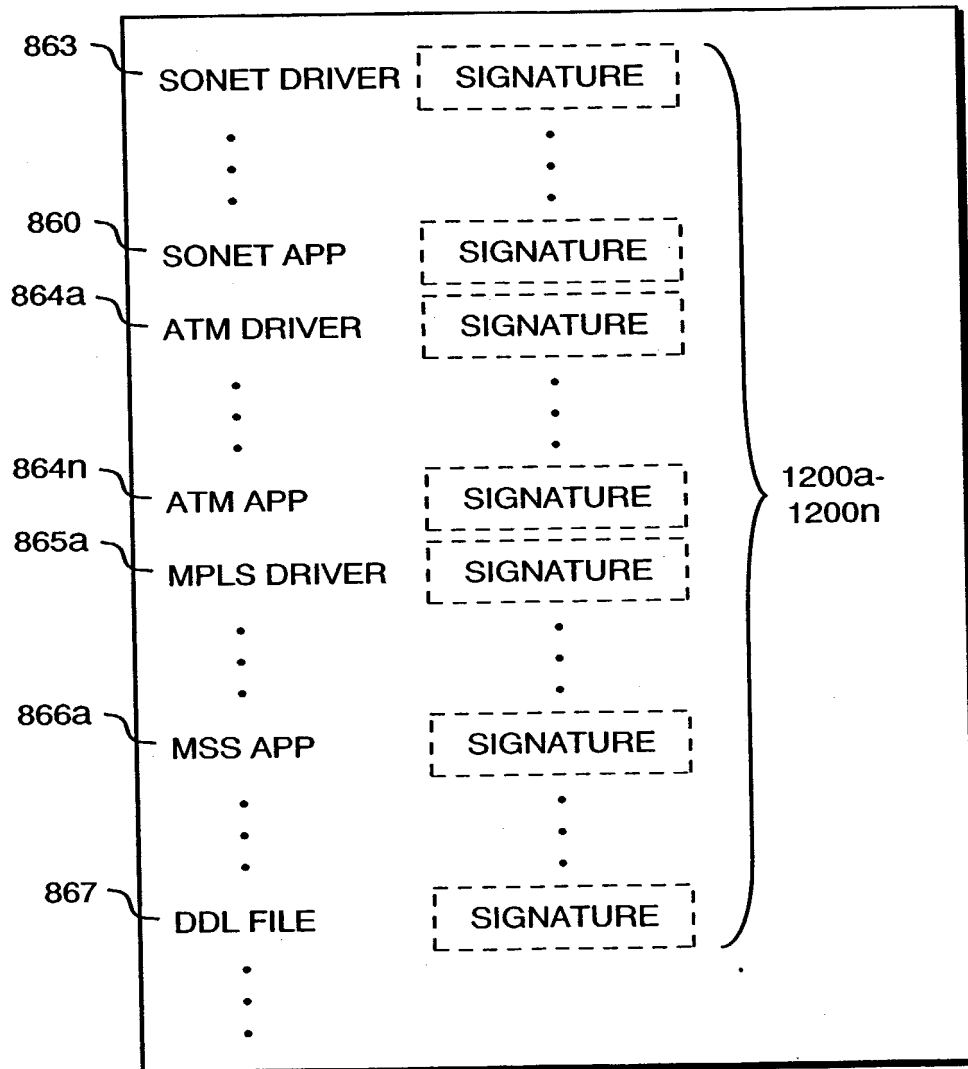
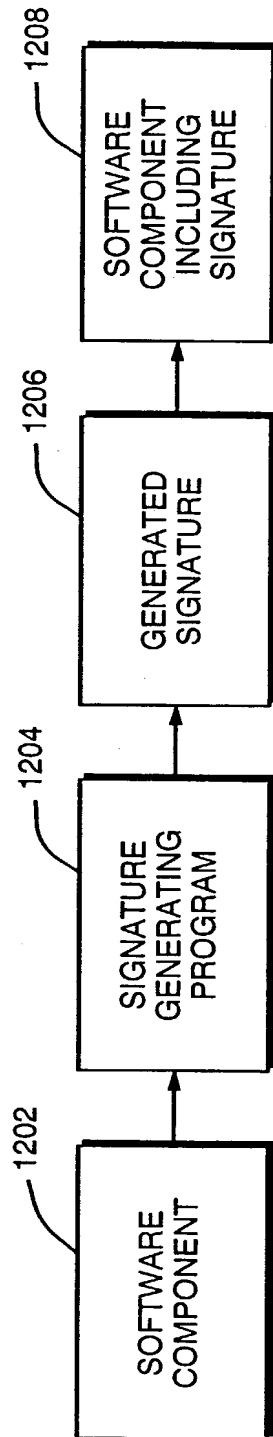


FIG. 20A



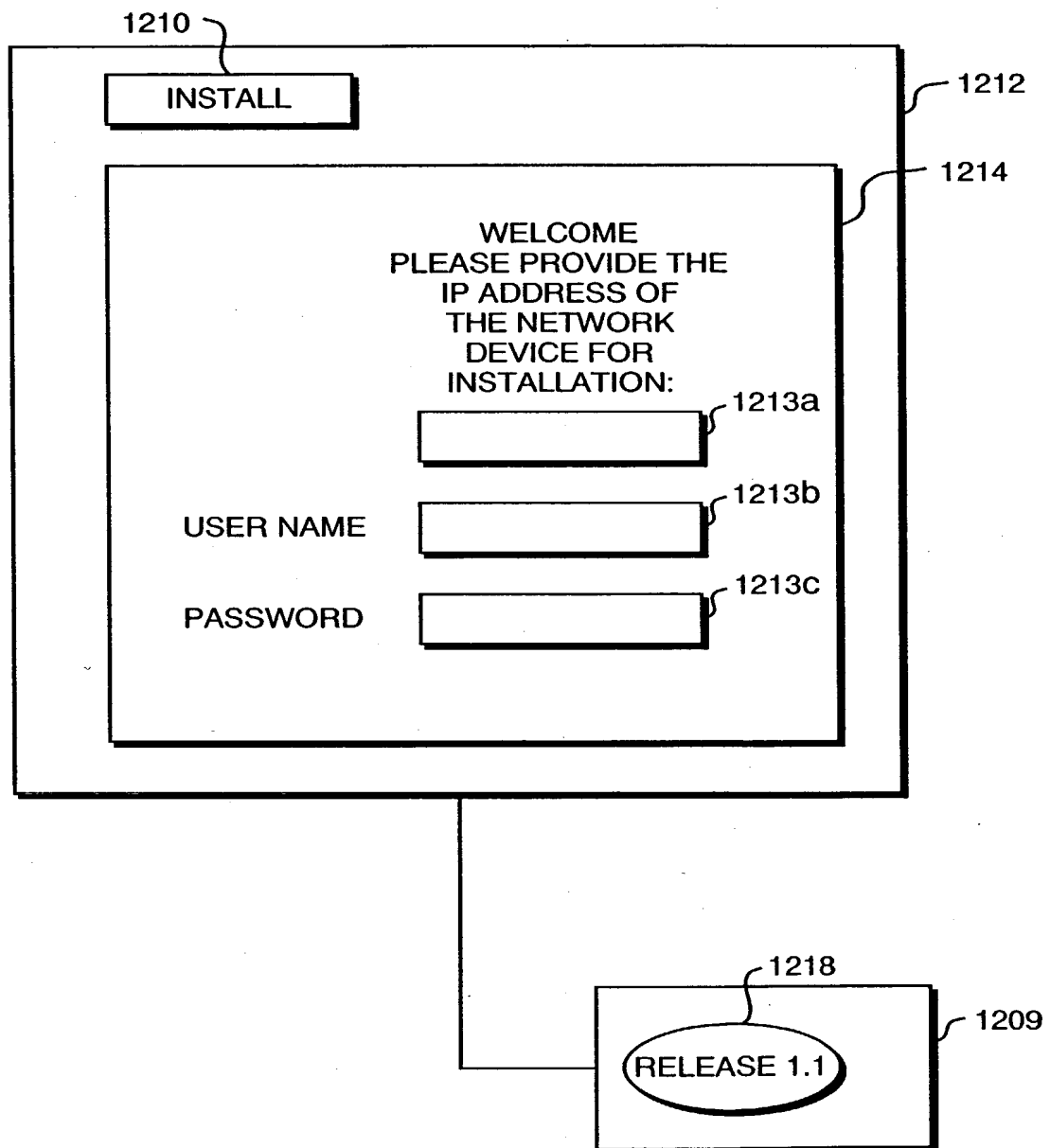


FIG. 20C

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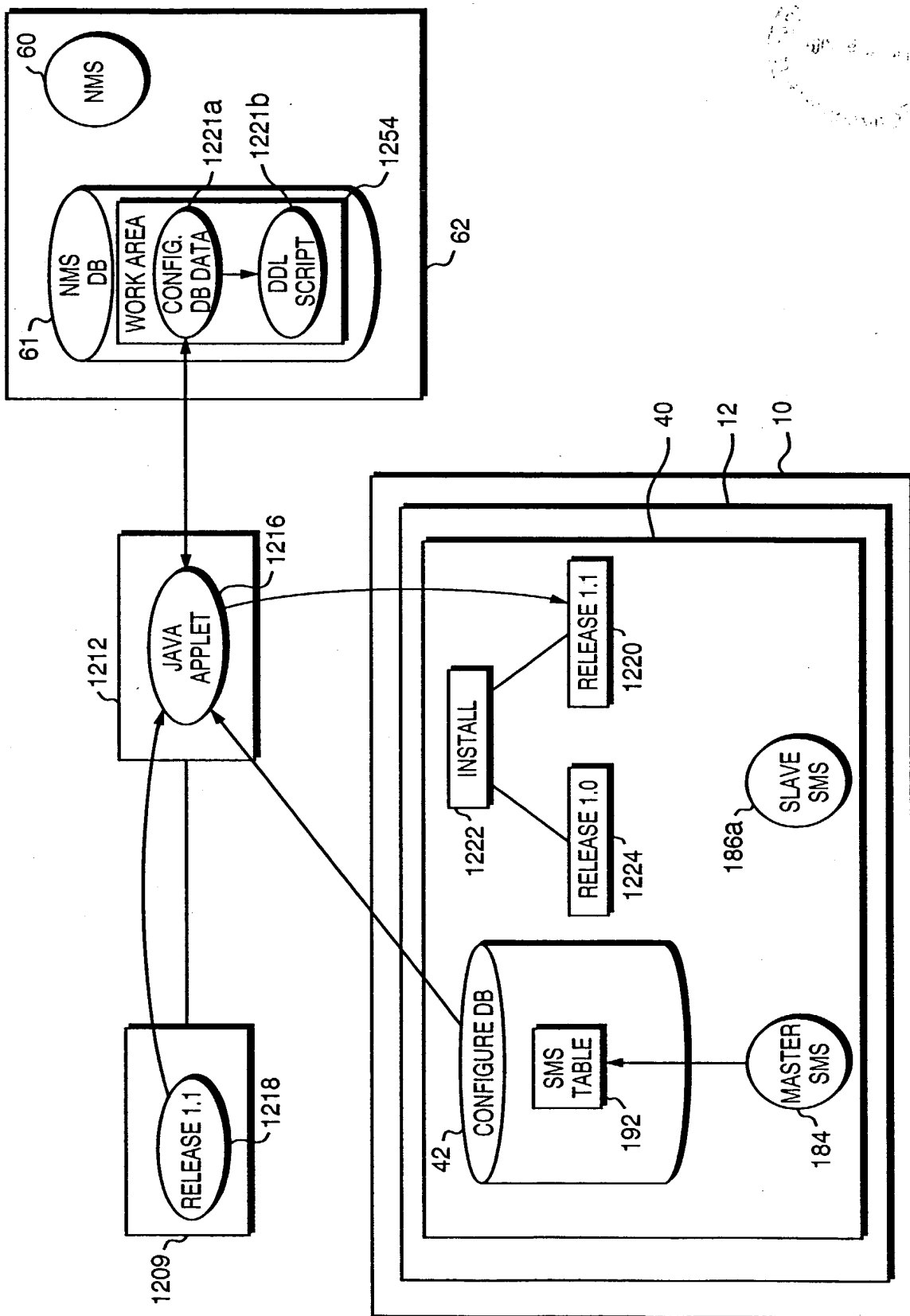


FIG. 20D

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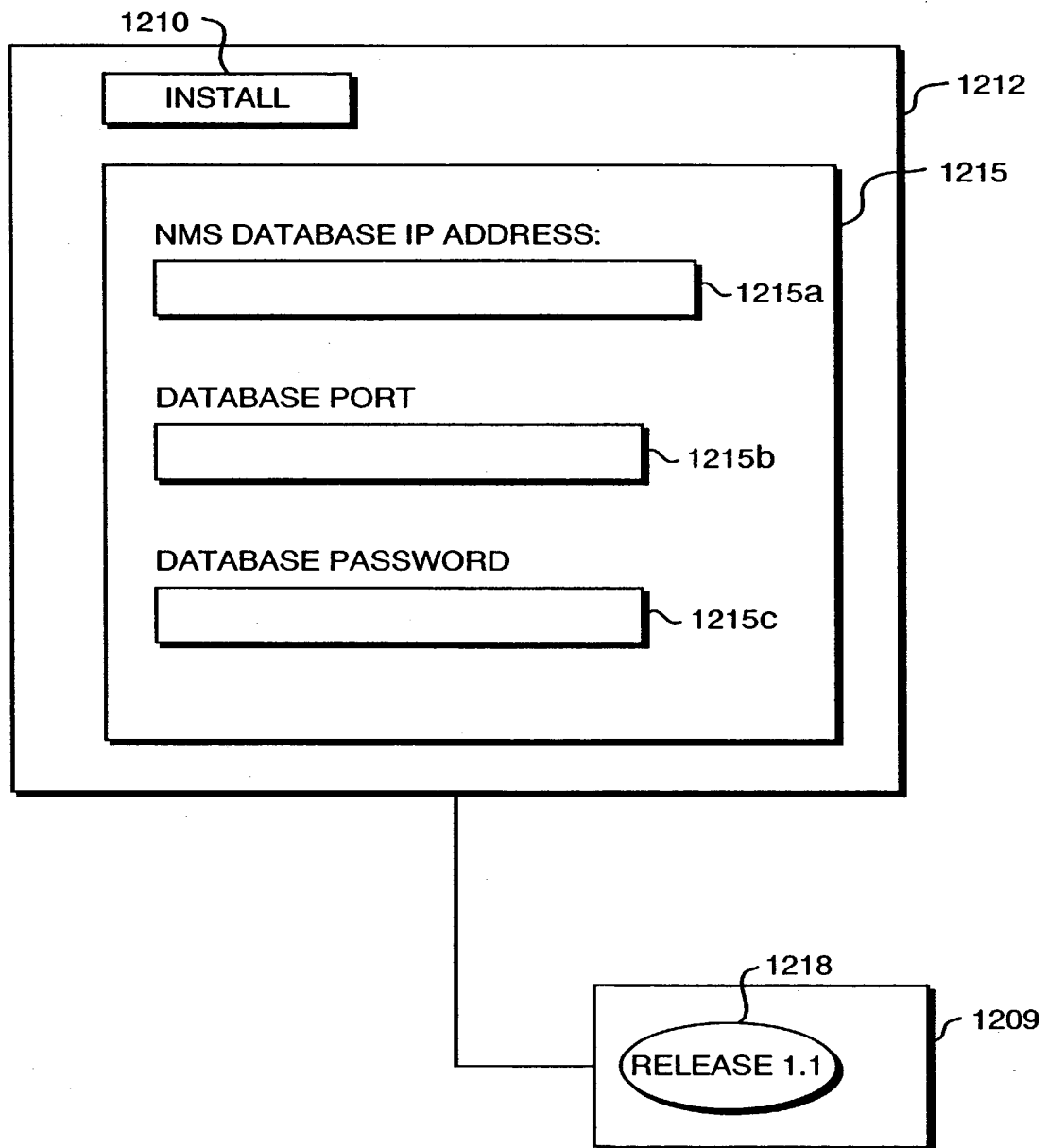
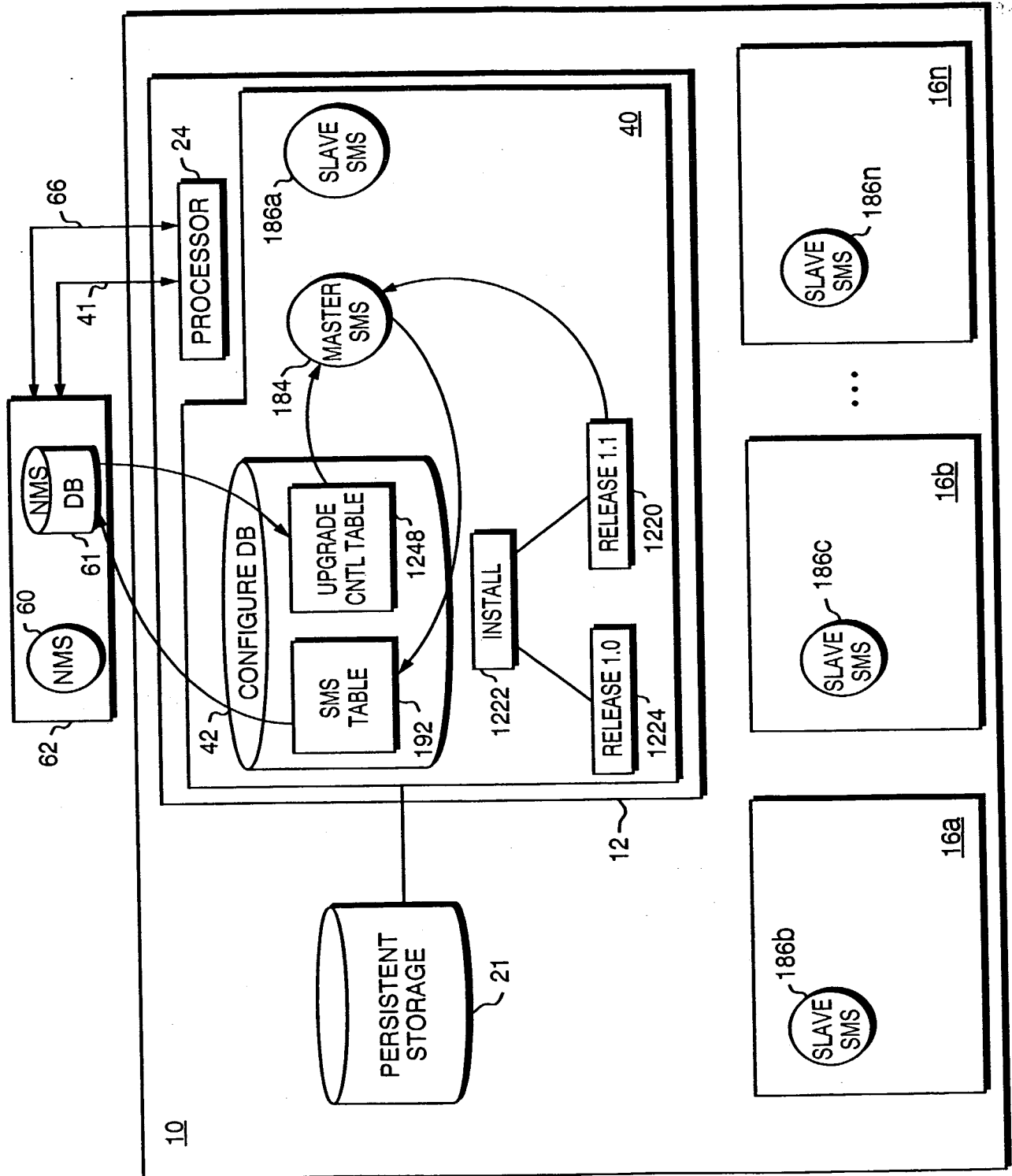


FIG. 20E



SMS TABLE 192

1227	1226 IMAGE LID	1228 VERIFICATION STATUS	1230 UPGRADE MODES	...
	9623	PASSED	X2348	...
	• • •	• • •	• • •	• • •

FIG. 21B

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11/03/2014 11:05:11

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1232

AVAILABLE RELEASES	
RELEASE 1.0	
RELEASE 1.1	

1230

FIG. 21C

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895

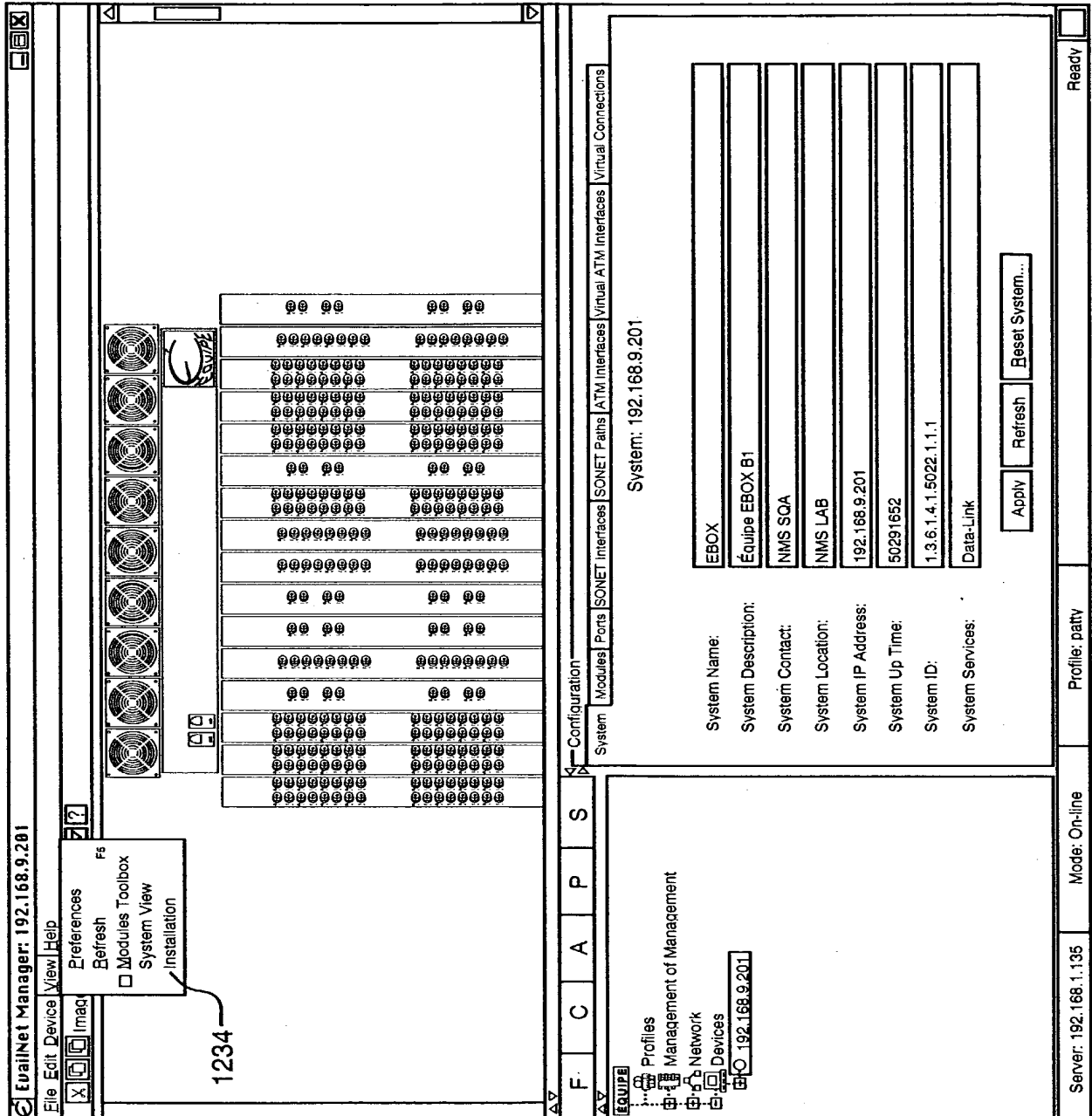
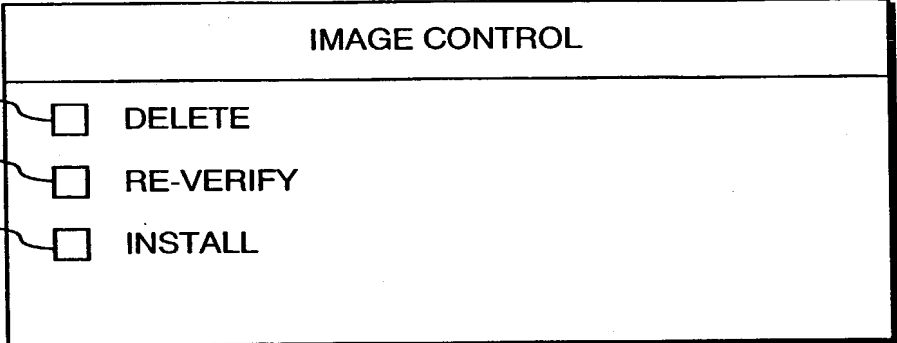


FIG. 21D

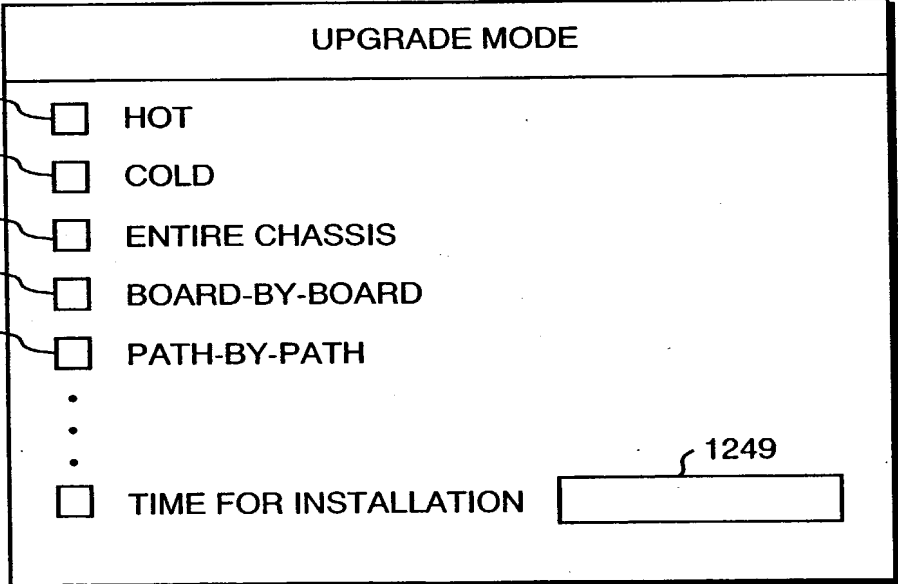
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A rectangular menu box titled "IMAGE CONTROL". It contains three options, each with a checkbox on the left and the option name on the right. The options are "DELETE", "RE-VERIFY", and "INSTALL".

IMAGE CONTROL	
<input type="checkbox"/>	DELETE
<input type="checkbox"/>	RE-VERIFY
<input type="checkbox"/>	INSTALL

FIG. 21E



A rectangular menu box titled "UPGRADE MODE". It contains five options, each with a checkbox on the left and the option name on the right. The options are "HOT", "COLD", "ENTIRE CHASSIS", "BOARD-BY-BOARD", and "PATH-BY-PATH". Below these options are three vertical dots. At the bottom, there is a checkbox followed by the text "TIME FOR INSTALLATION" and a rectangular input field.

UPGRADE MODE	
<input type="checkbox"/>	HOT
<input type="checkbox"/>	COLD
<input type="checkbox"/>	ENTIRE CHASSIS
<input type="checkbox"/>	BOARD-BY-BOARD
<input type="checkbox"/>	PATH-BY-PATH
...	
<input type="checkbox"/>	TIME FOR INSTALLATION
	<input type="text"/>

FIG. 21F

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UPGRADE CONTROL TABLE 1248

		1252	1253	1255	
1250	IMAGE LID	COMMAND	TIME FOR INSTALLATION	STATUS	...
1251	9623	X2344			...
	⋮	⋮	⋮	⋮	⋮

FIG. 21G

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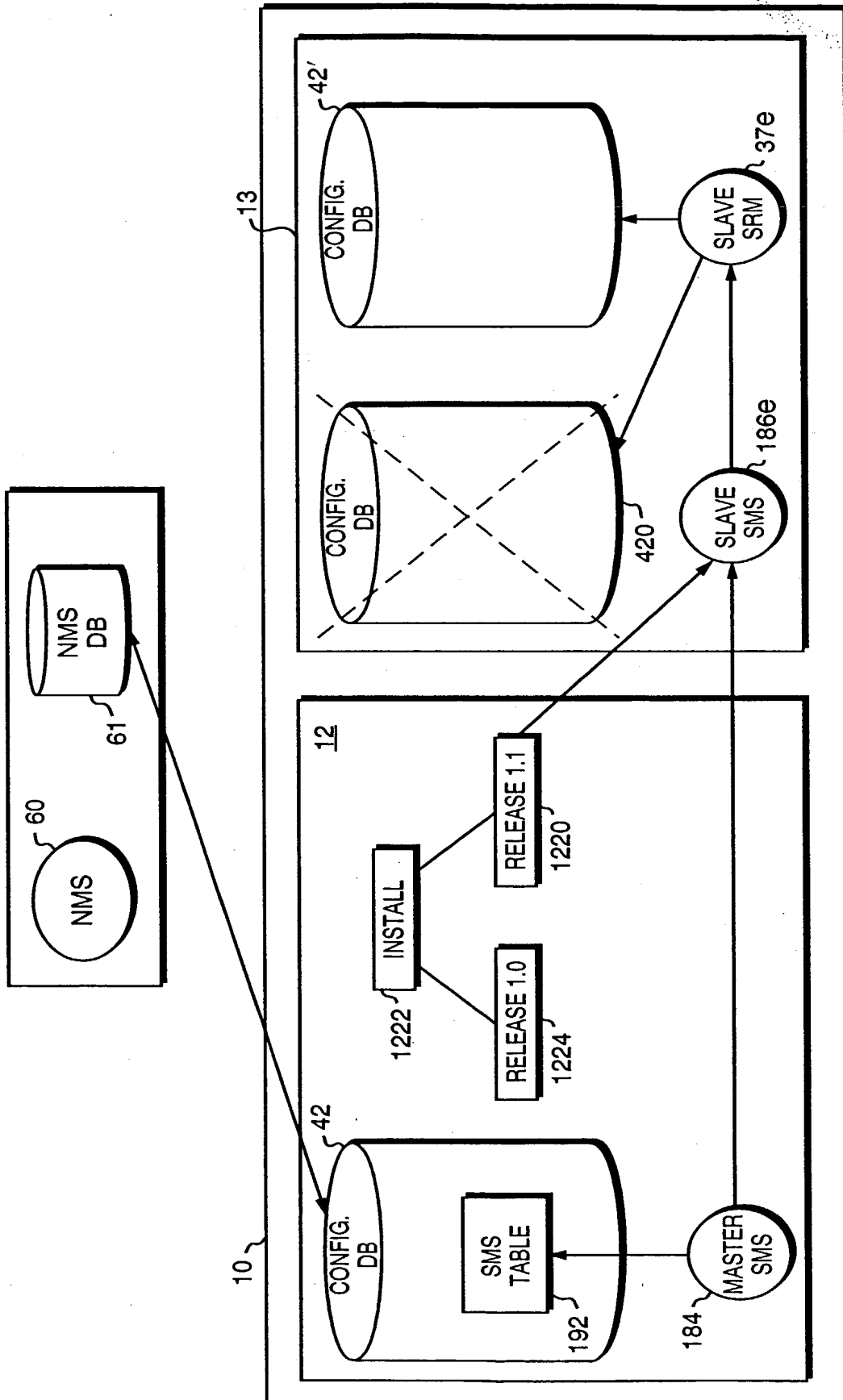


FIG. 22

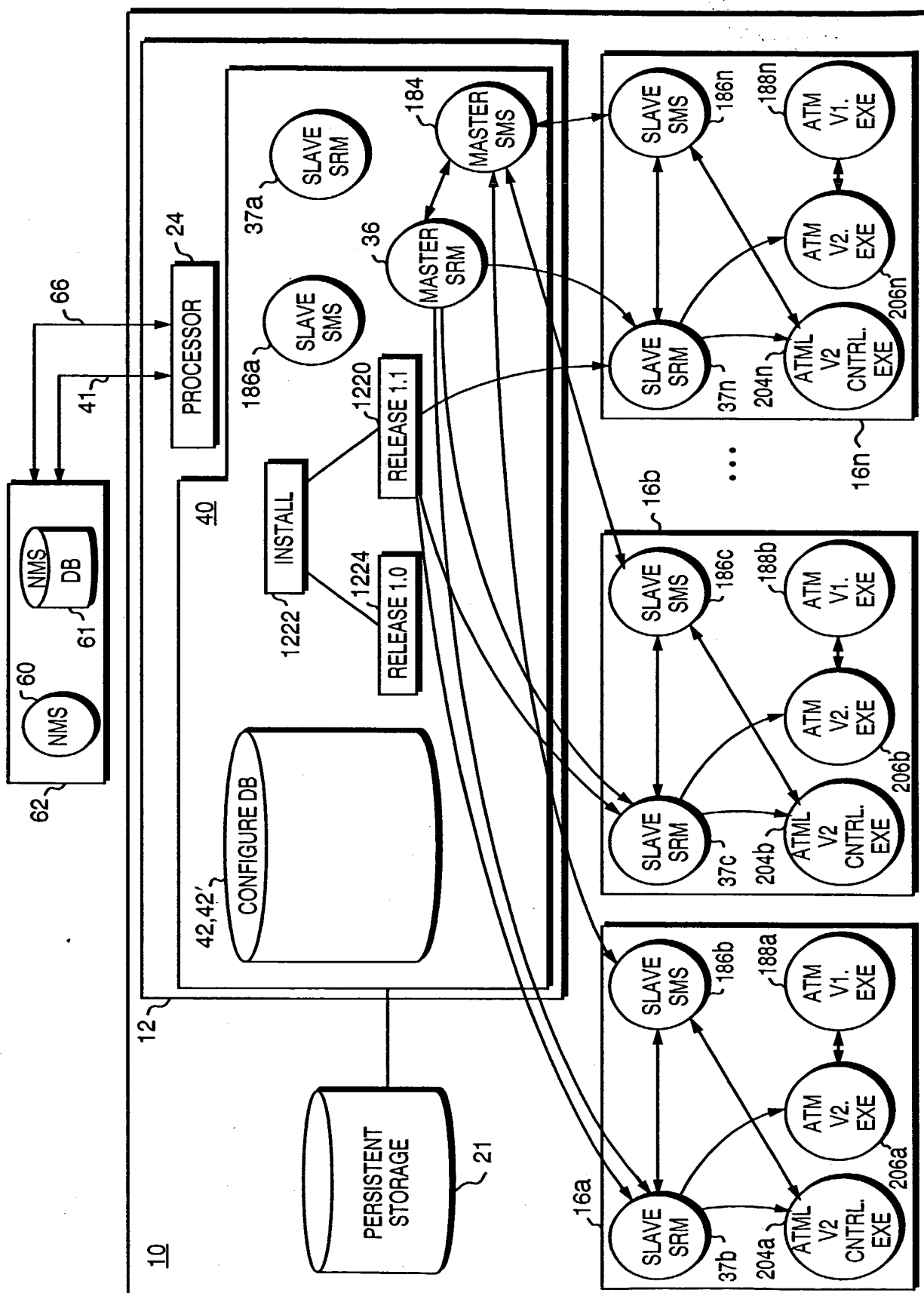


FIG. 23

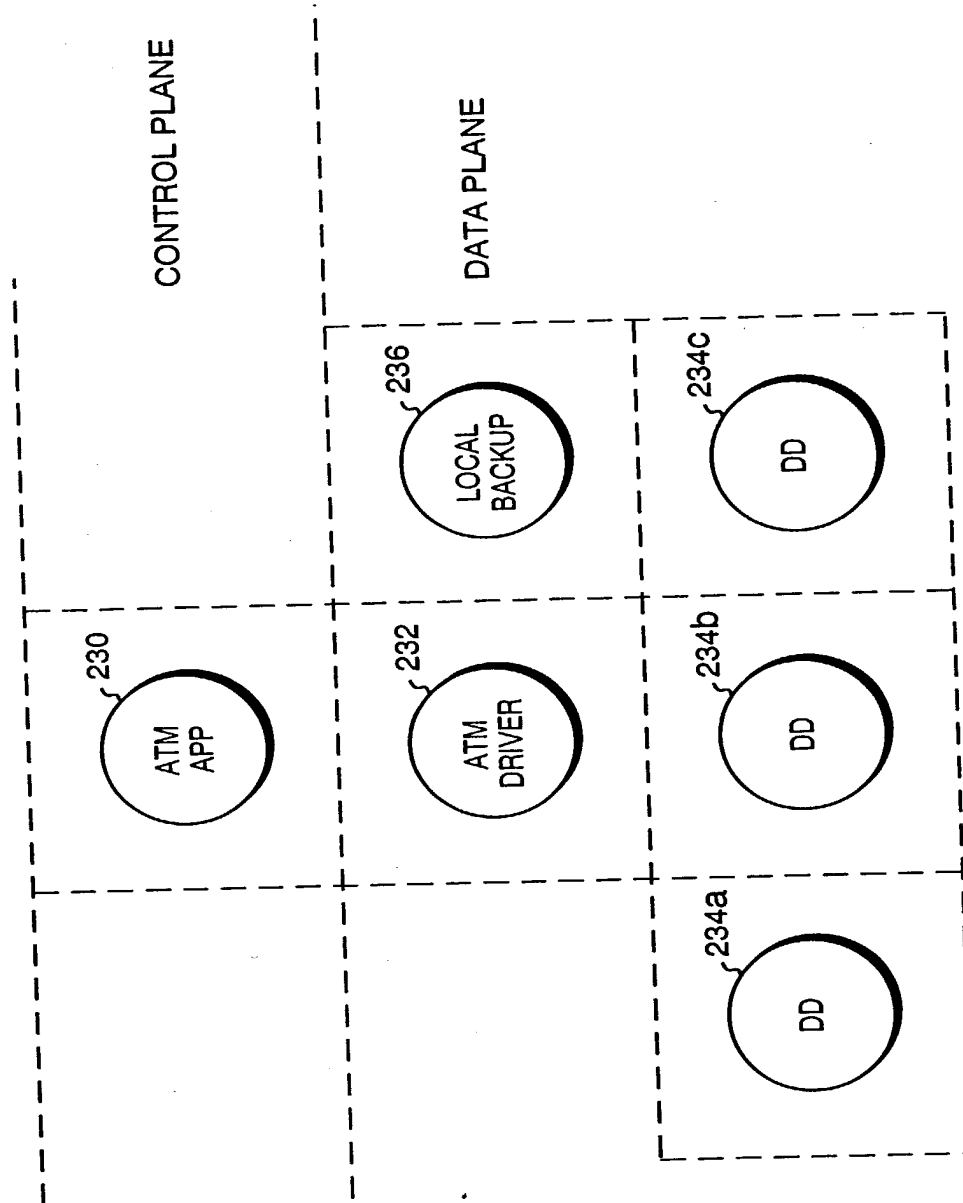


FIG. 24

11 22 33 44 55 66 77 88 99



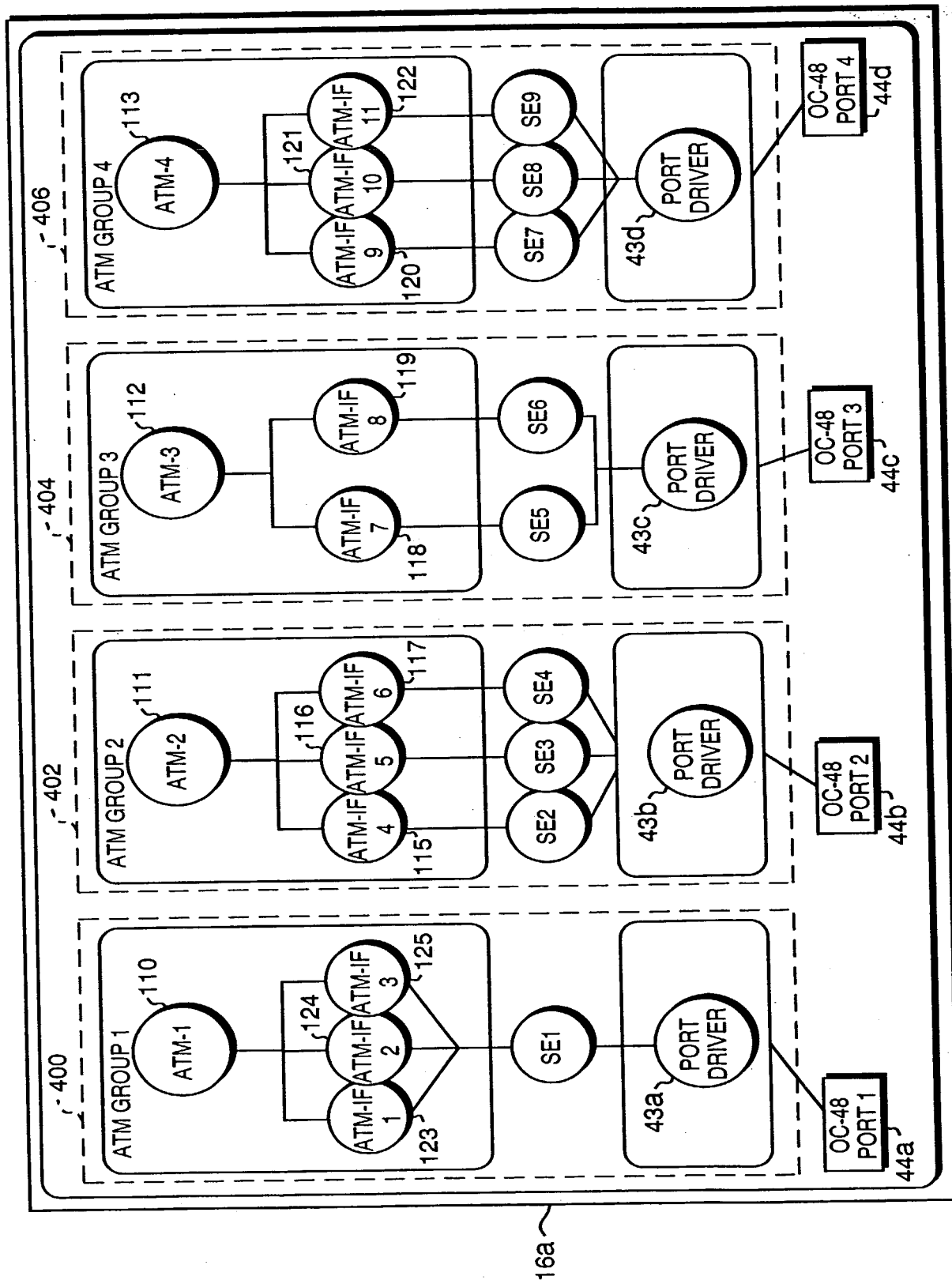


FIG. 25

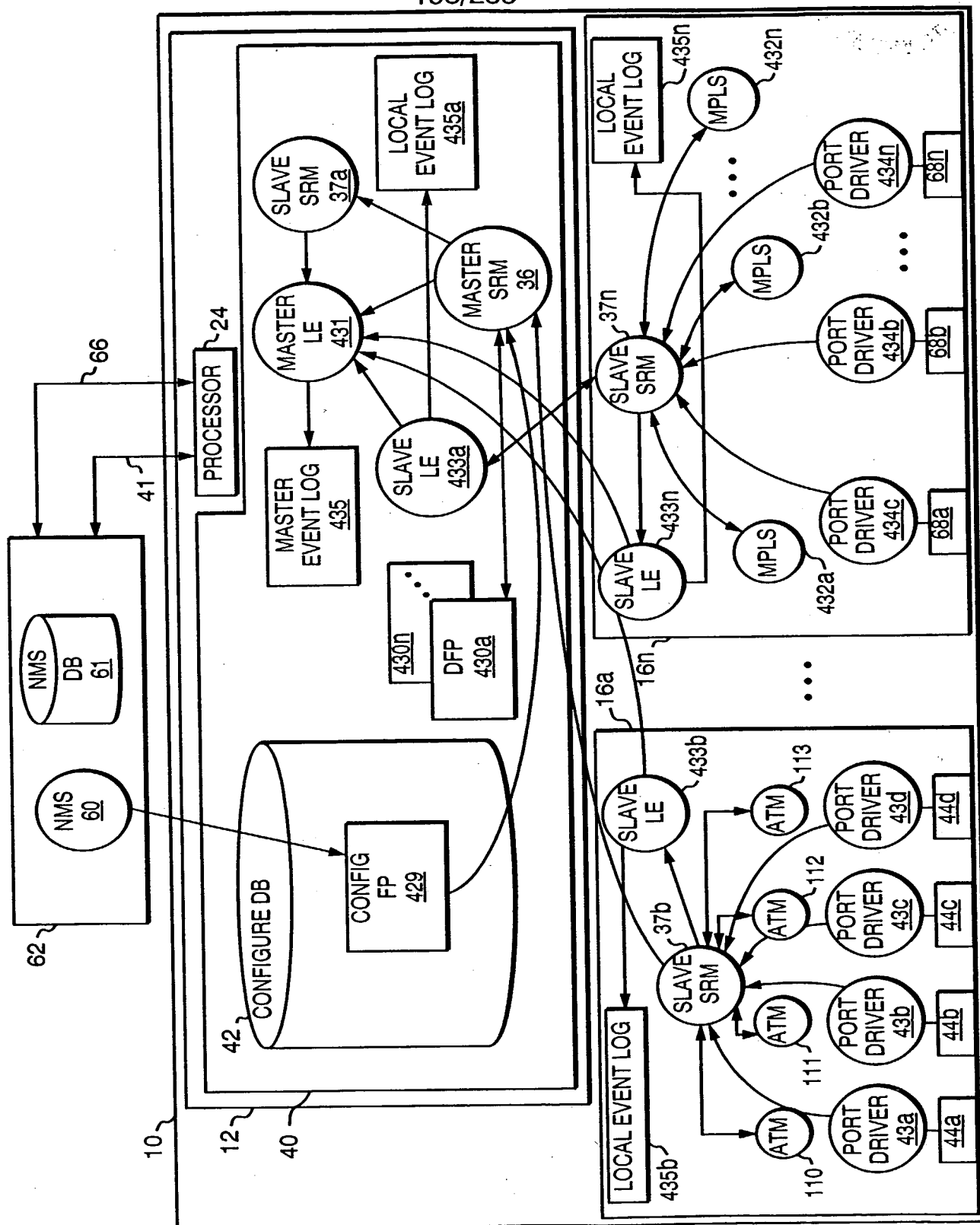


FIG. 26

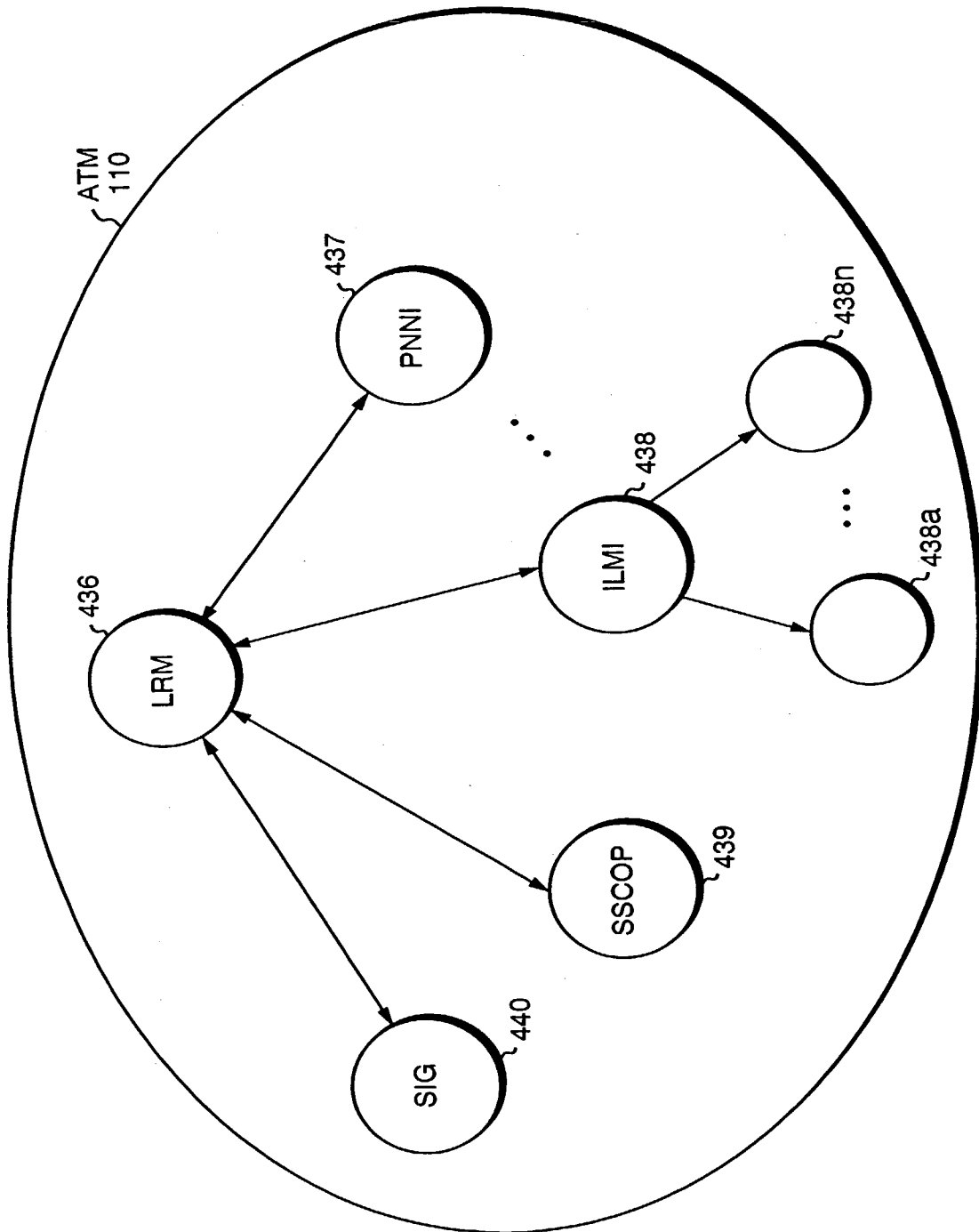


FIG. 27

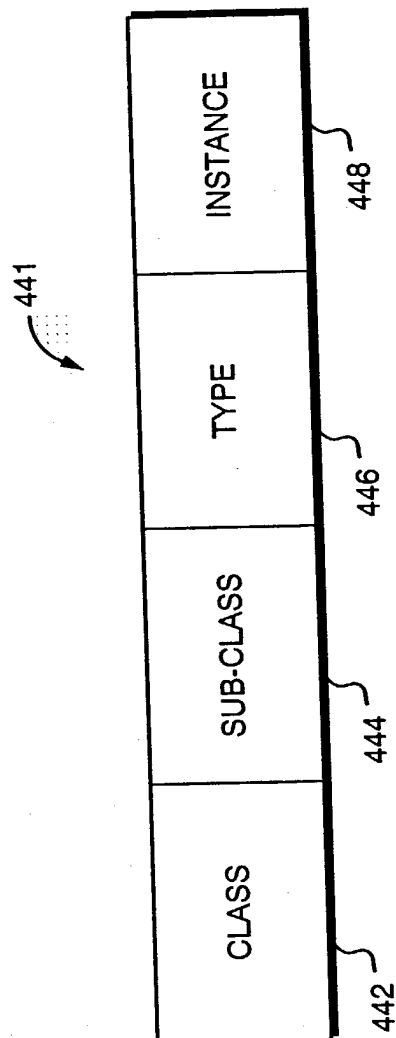


FIG. 28

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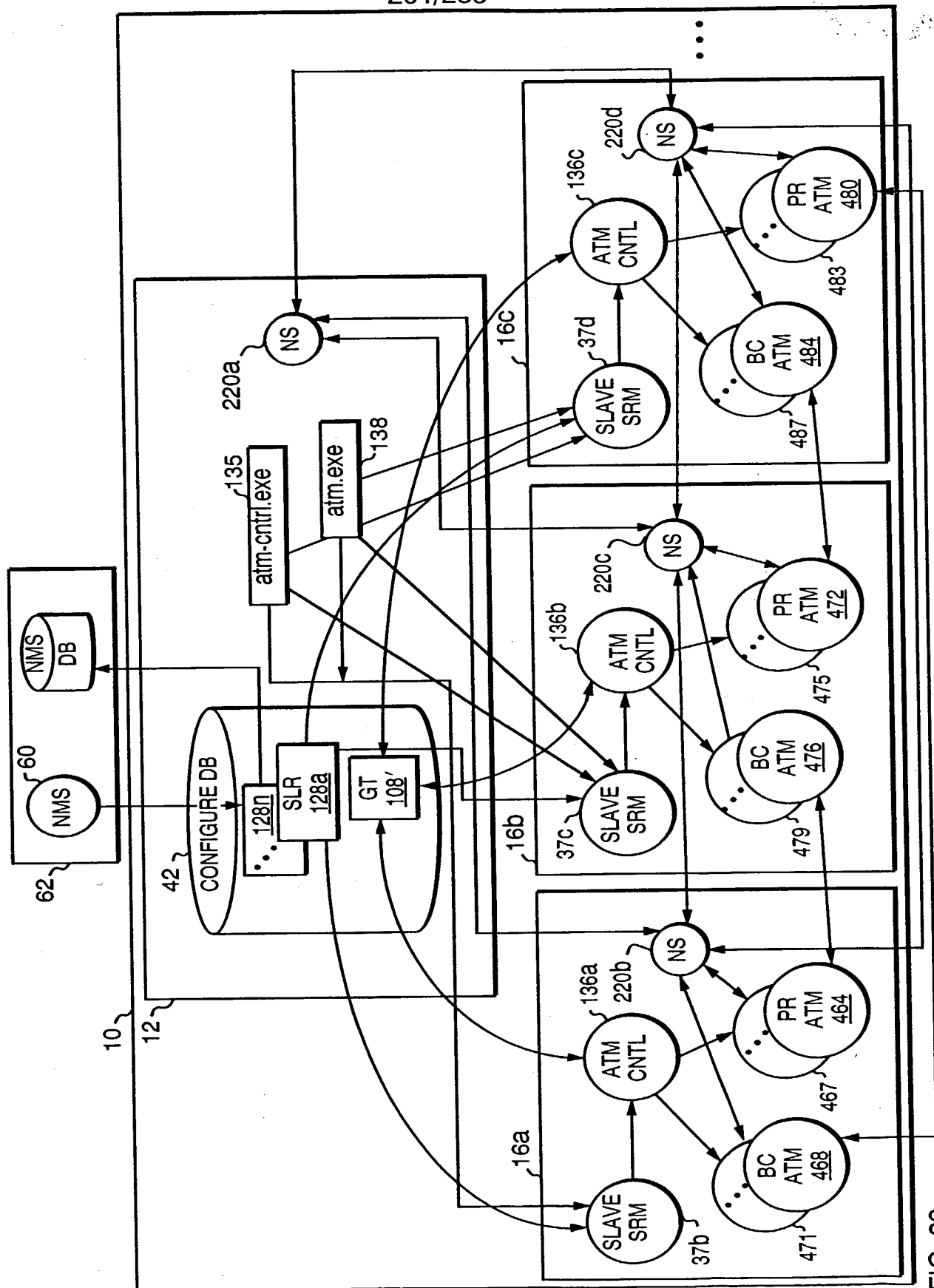


FIG. 29

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GROUP TABLE 108'

		447	449	
	GROUP #	PRIMARY CARD LID	BACKUP CARD LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	

FIG. 30

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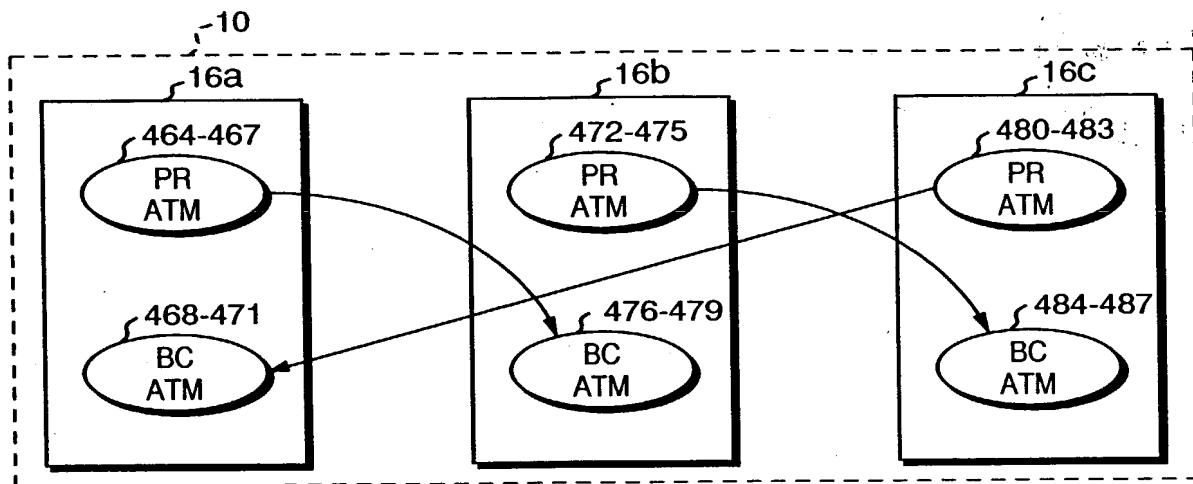


FIG. 31A

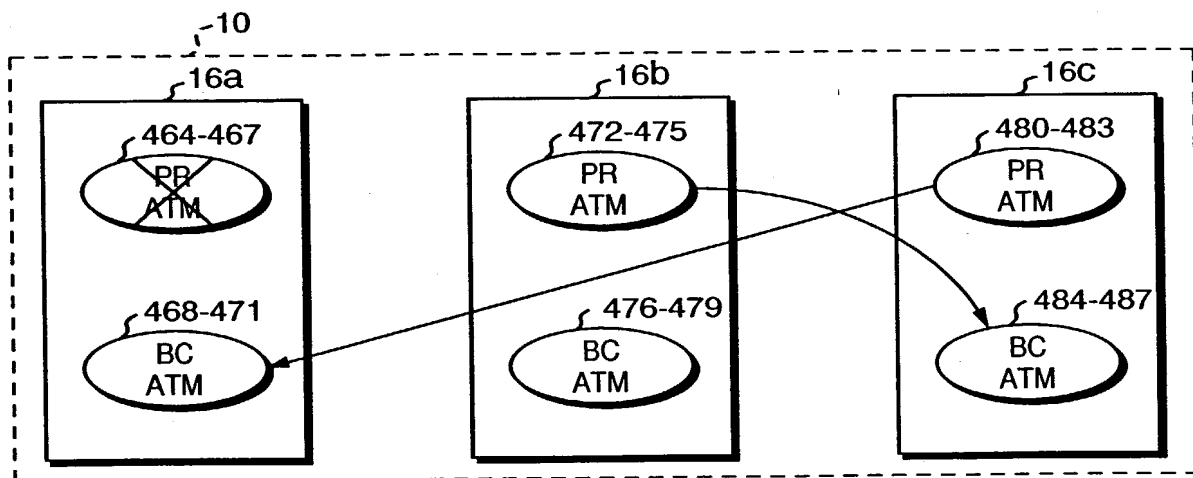


FIG. 31B

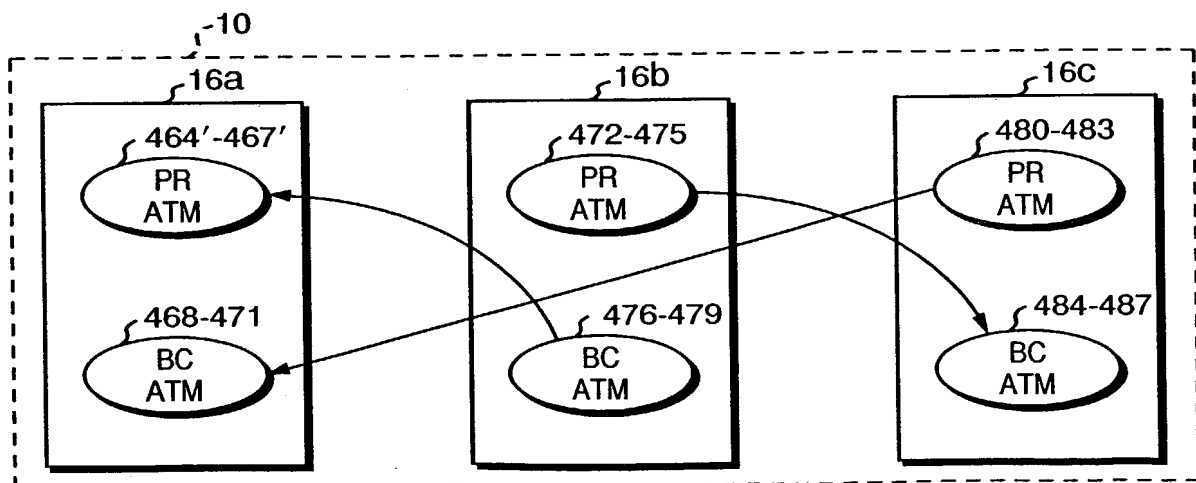


FIG. 31C

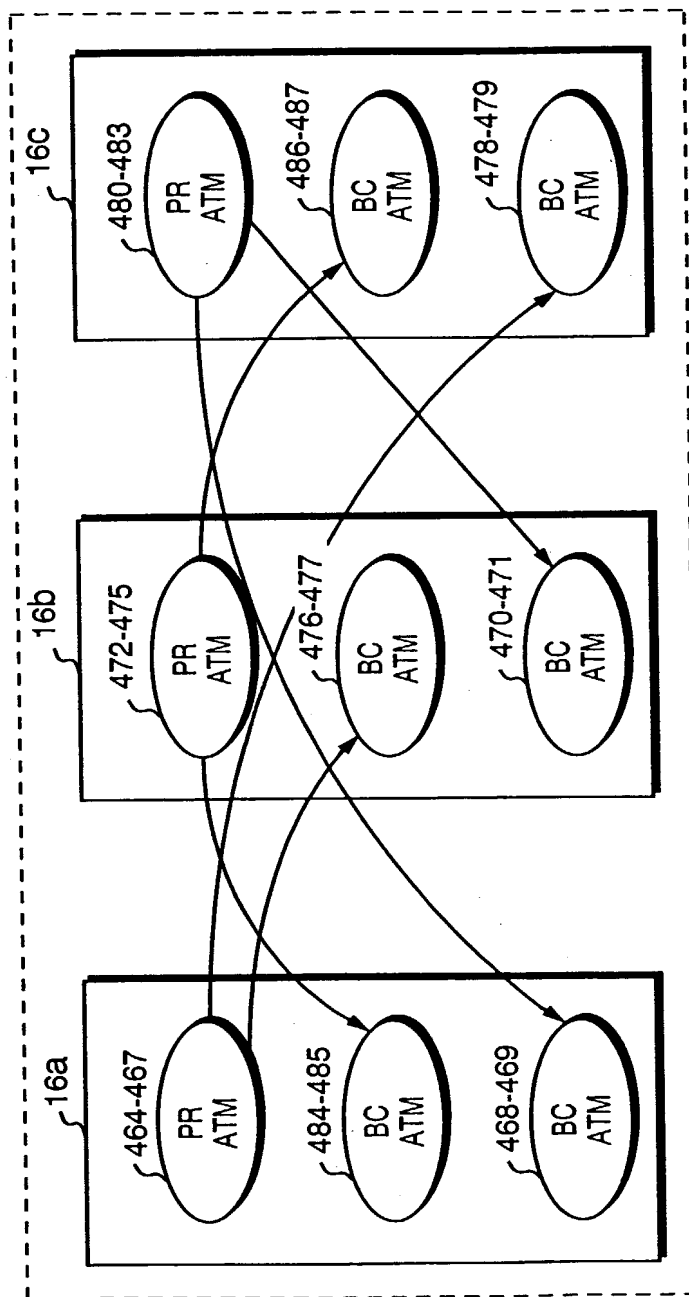


FIG. 32A

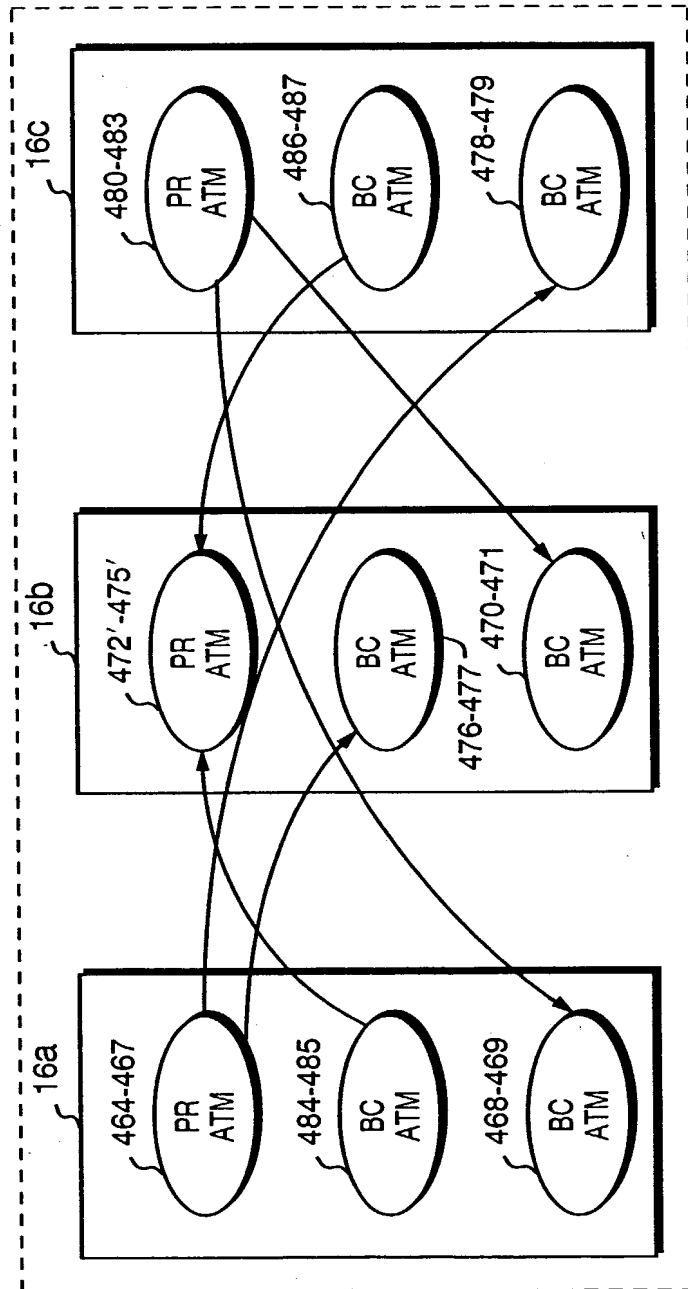


FIG. 32C

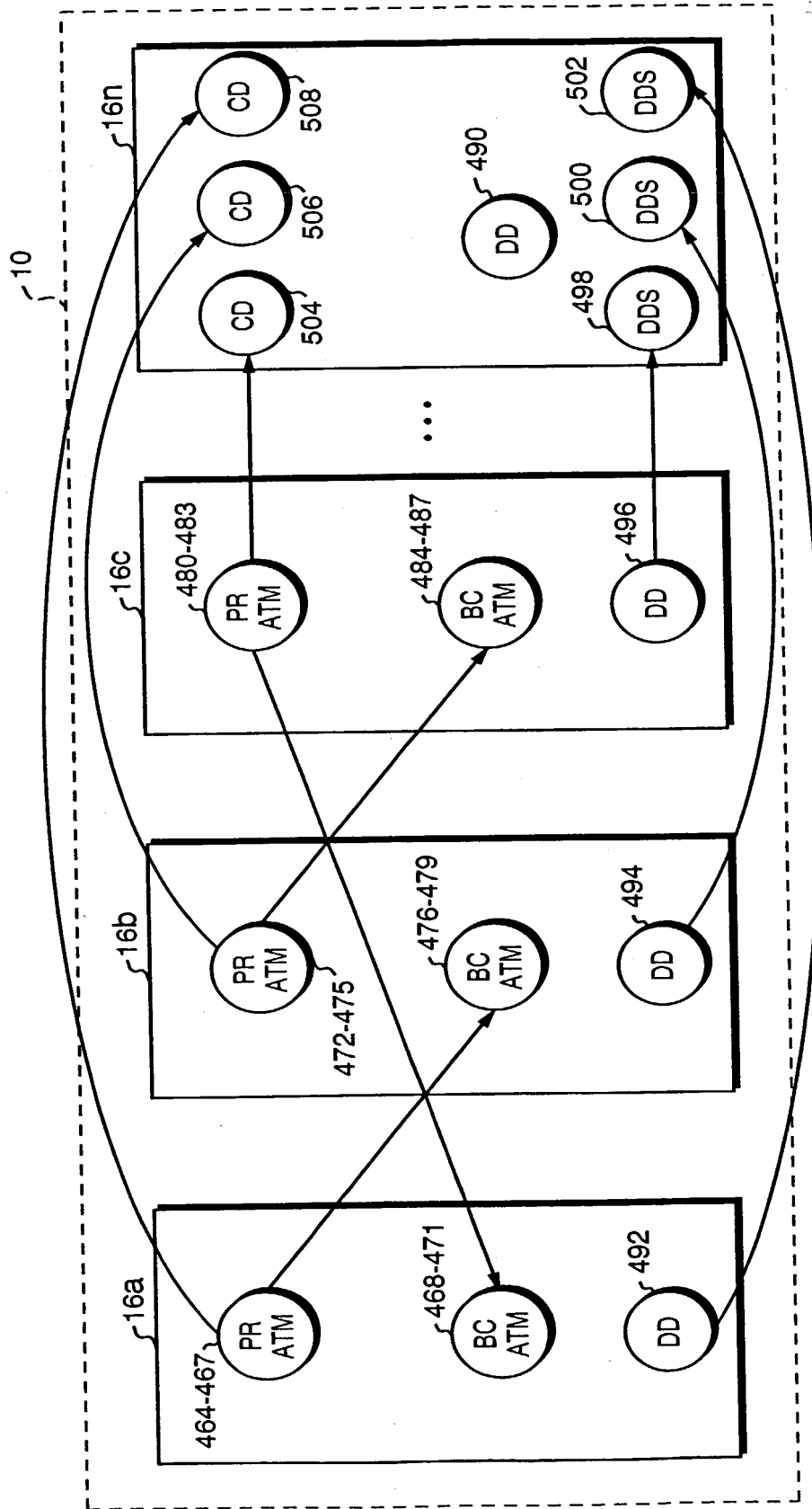


FIG. 33A

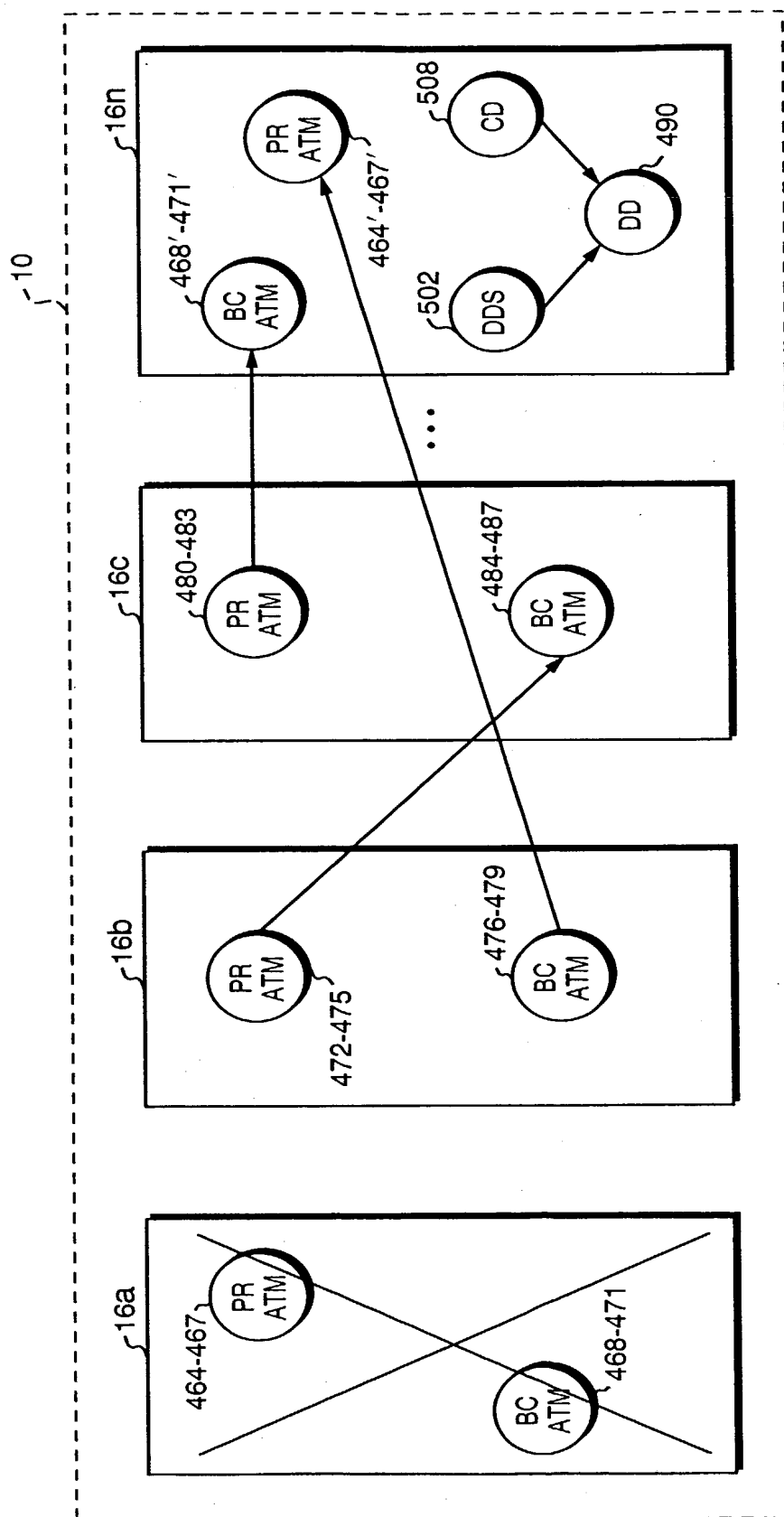


FIG. 33B

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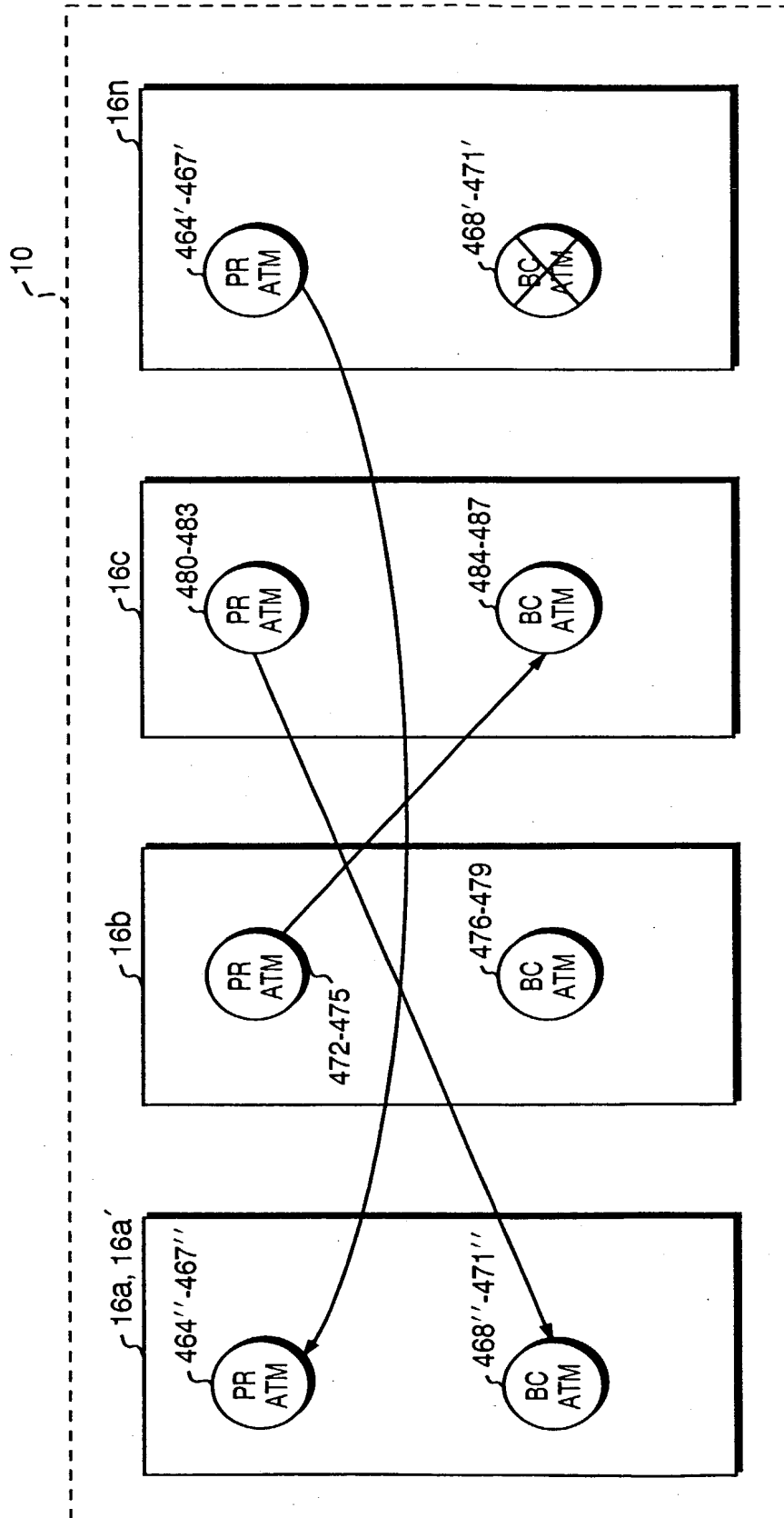


FIG. 33C

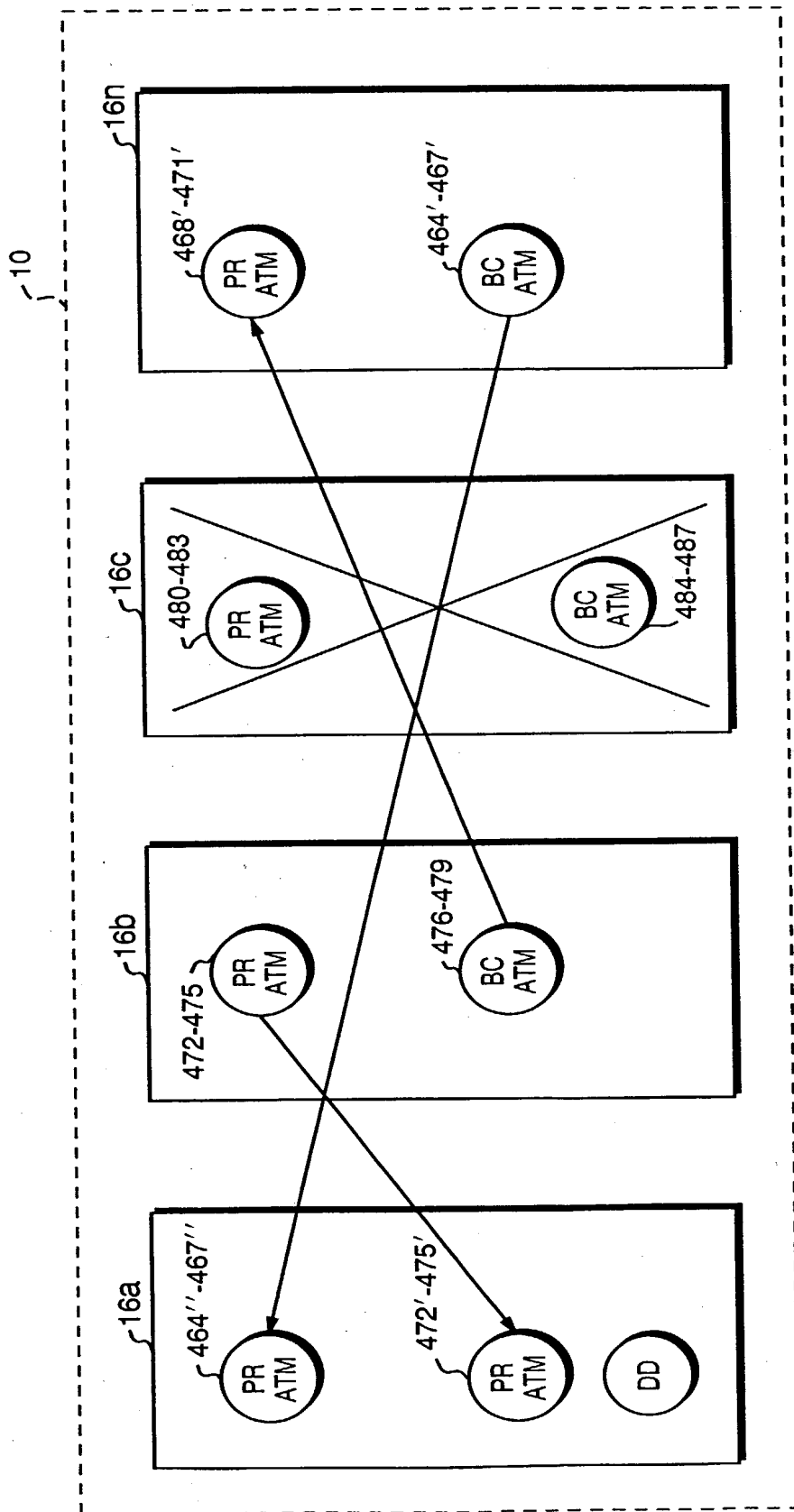


FIG. 33D

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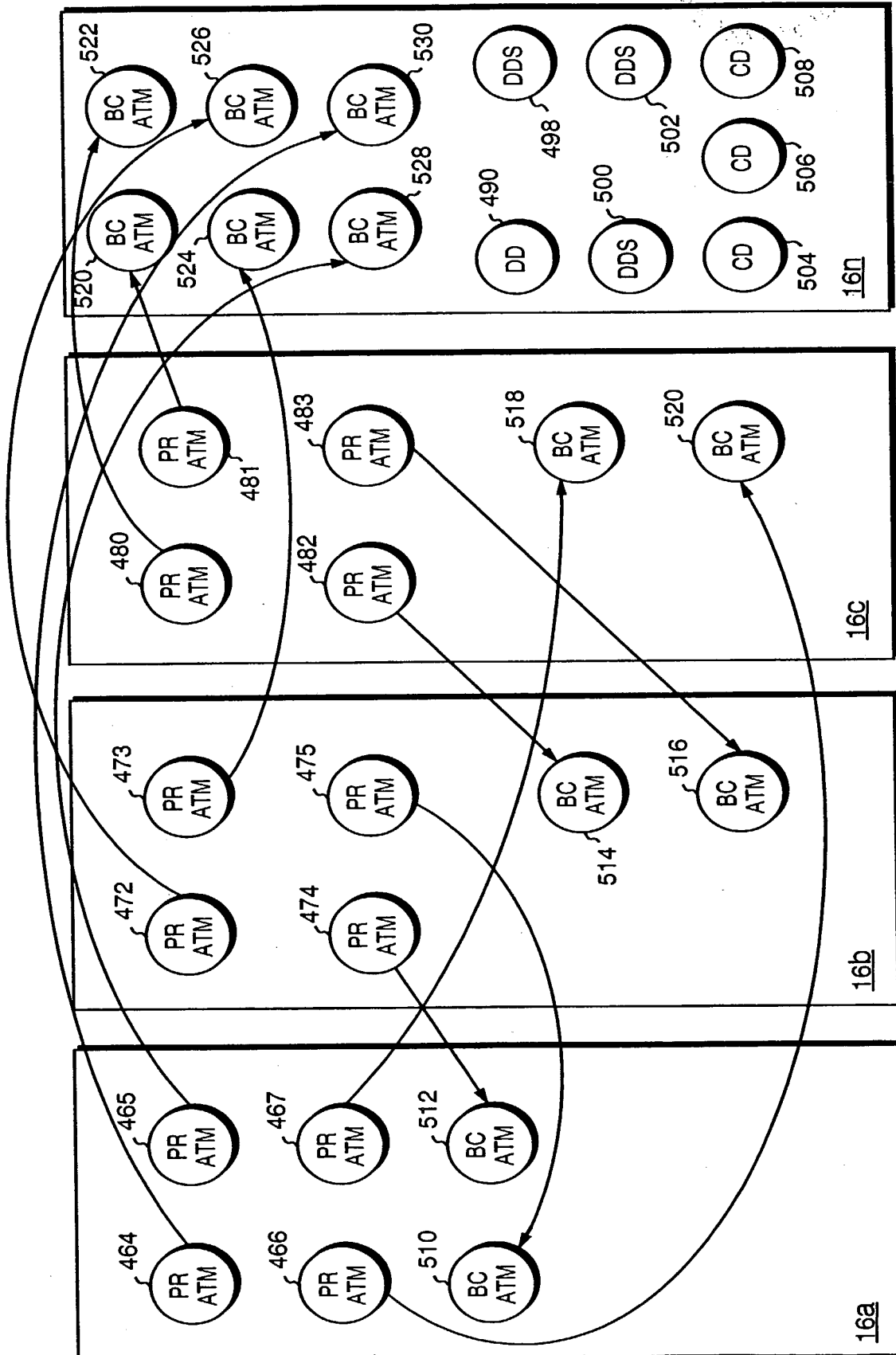


FIG. 34A

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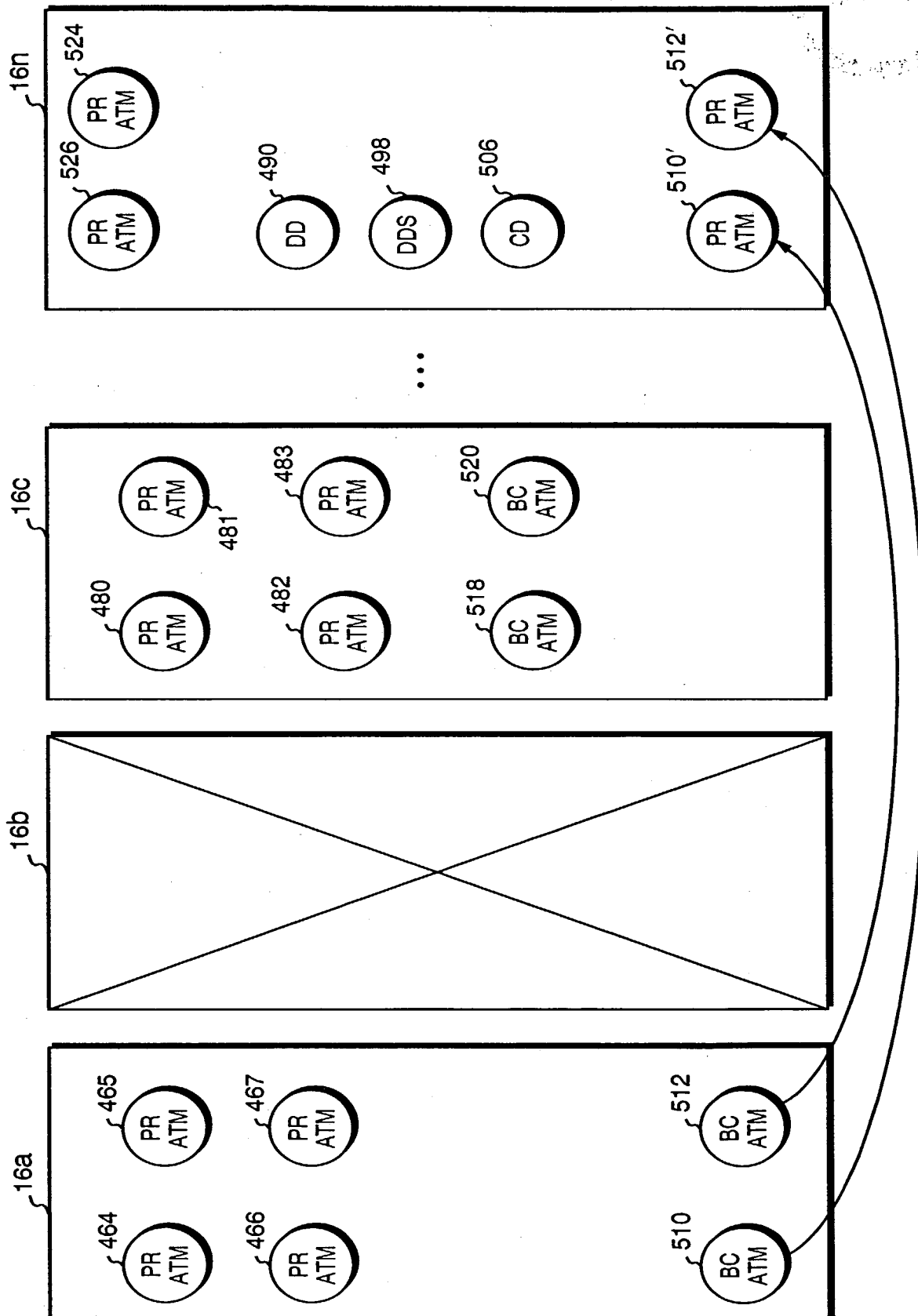


FIG. 34B

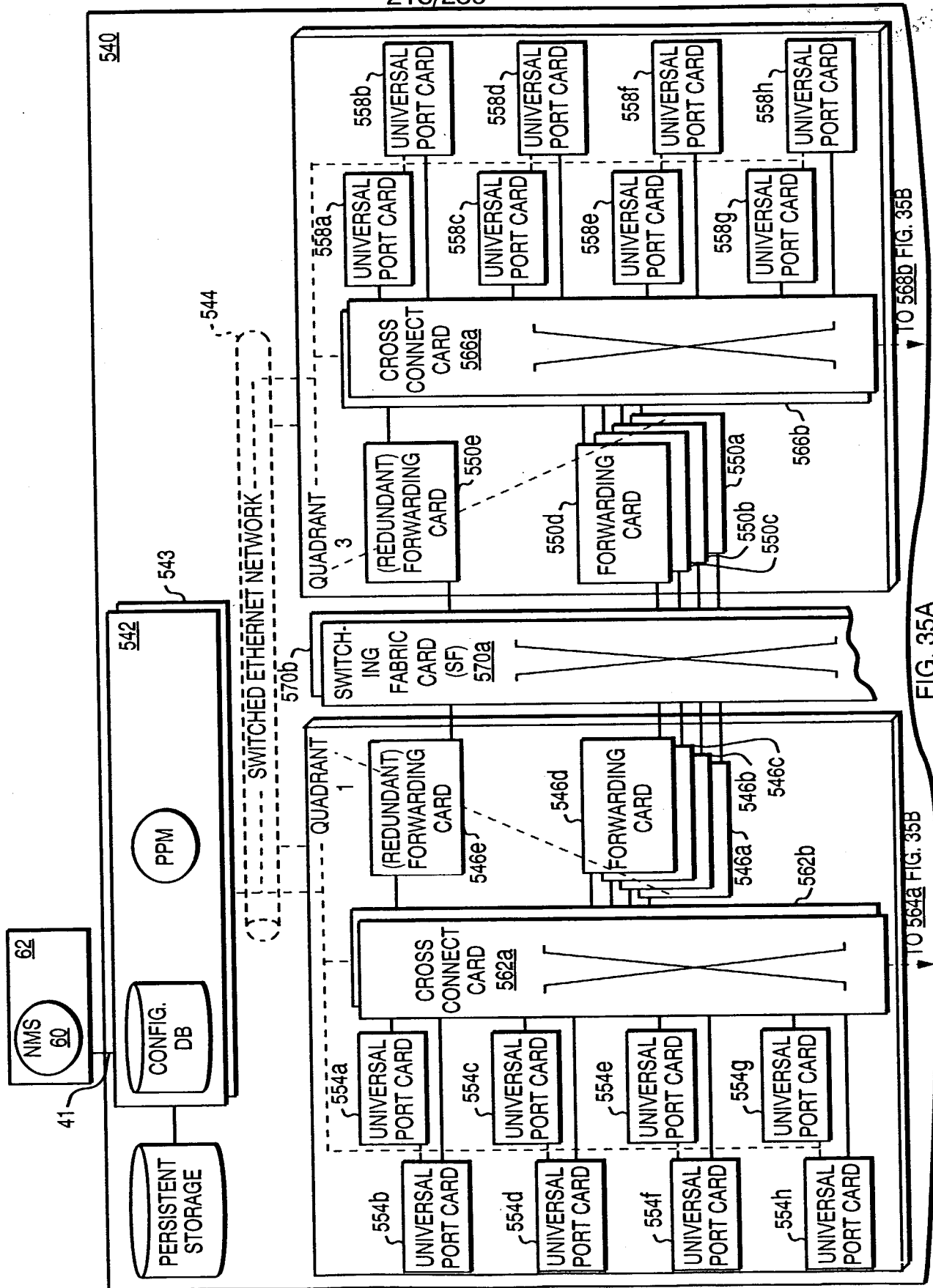


FIG. 35A

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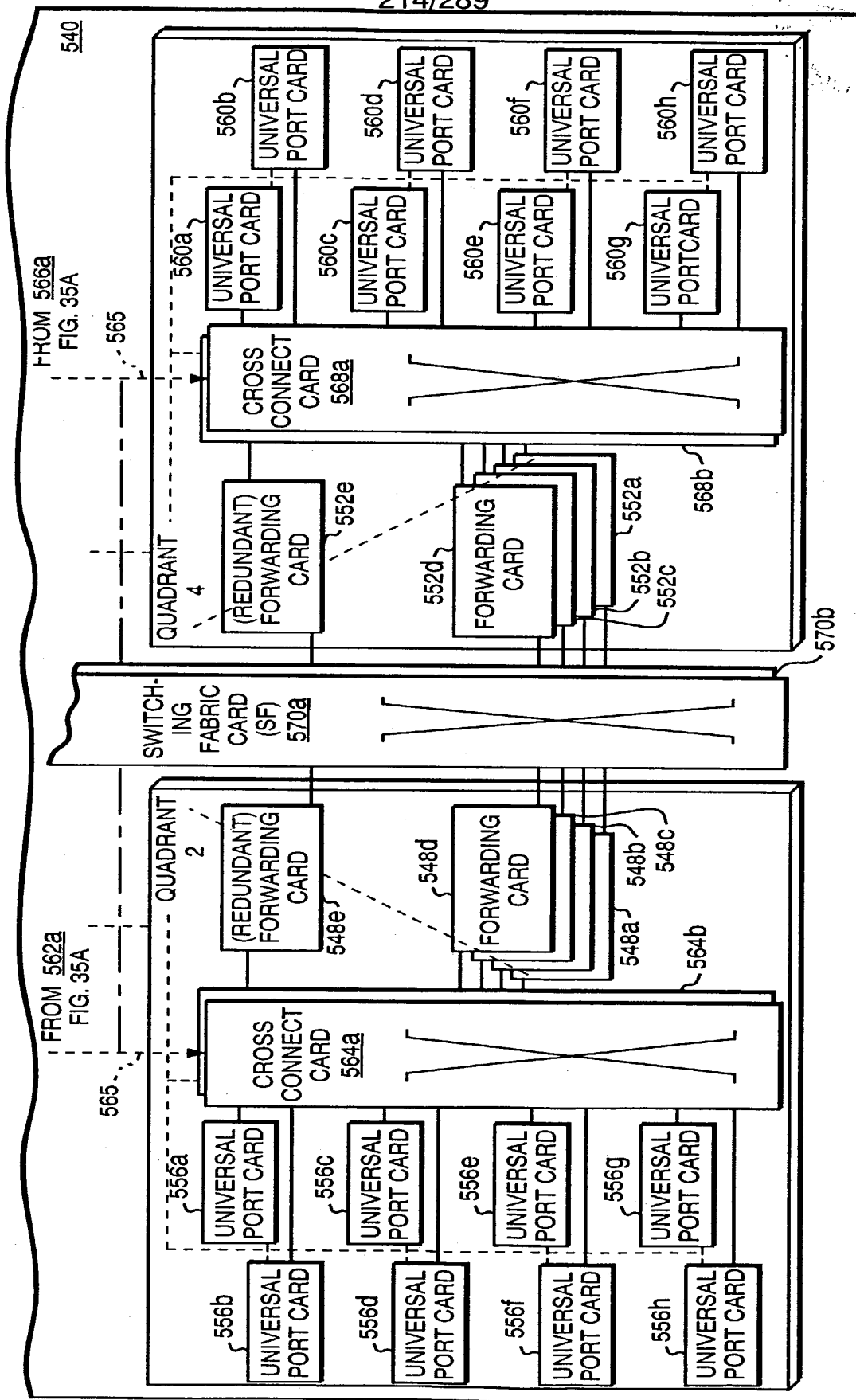


FIG. 35B

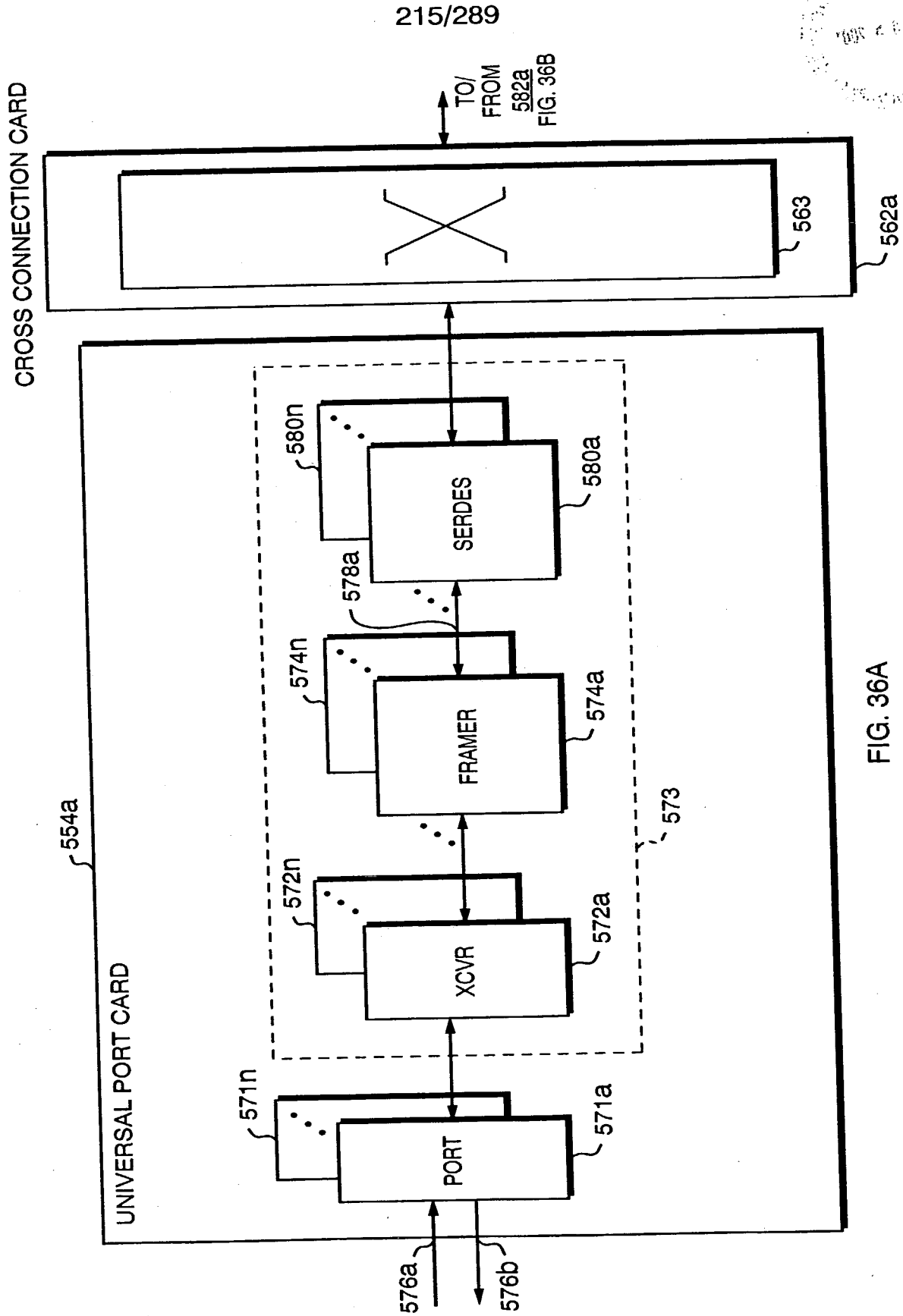


FIG. 36A

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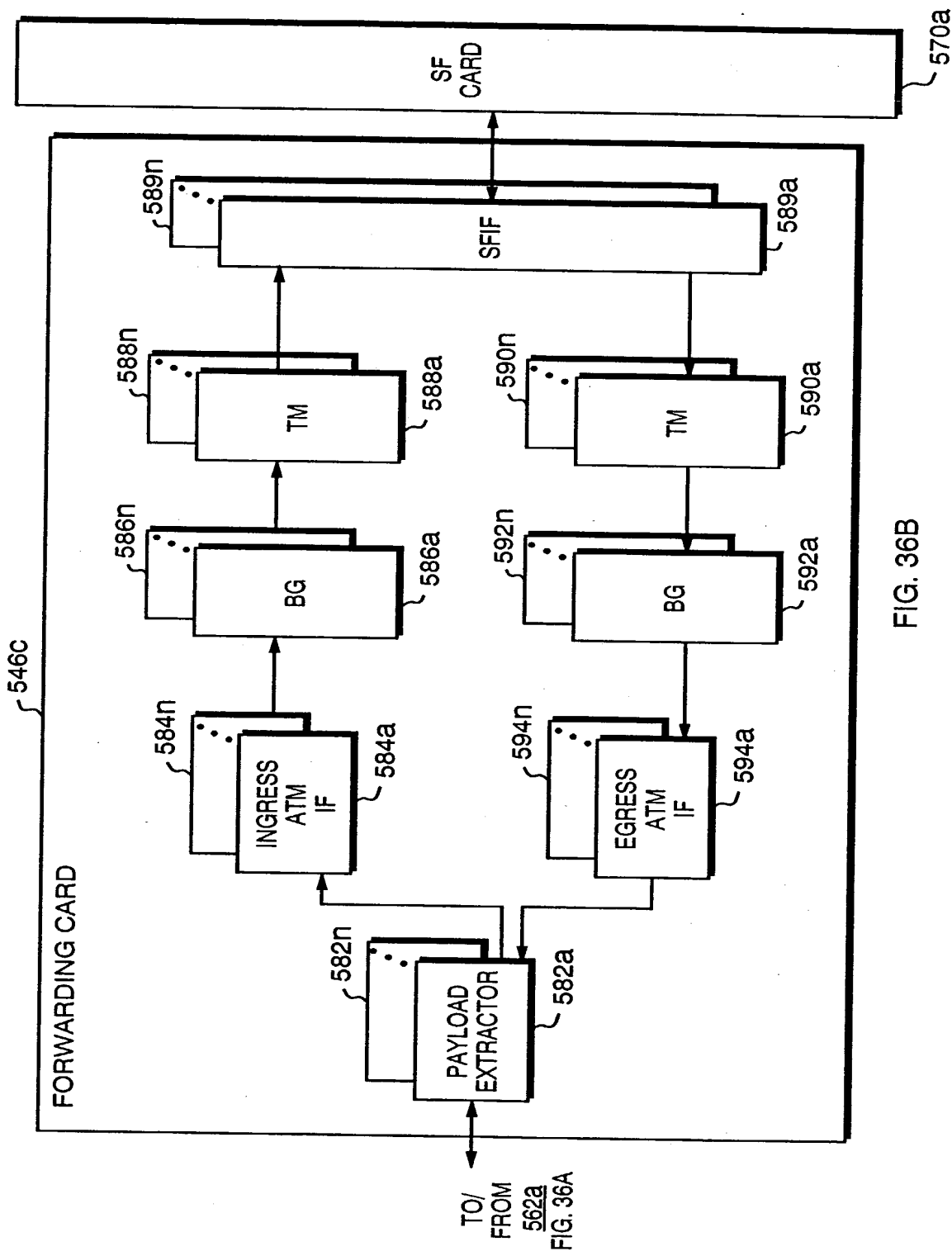


FIG. 36B

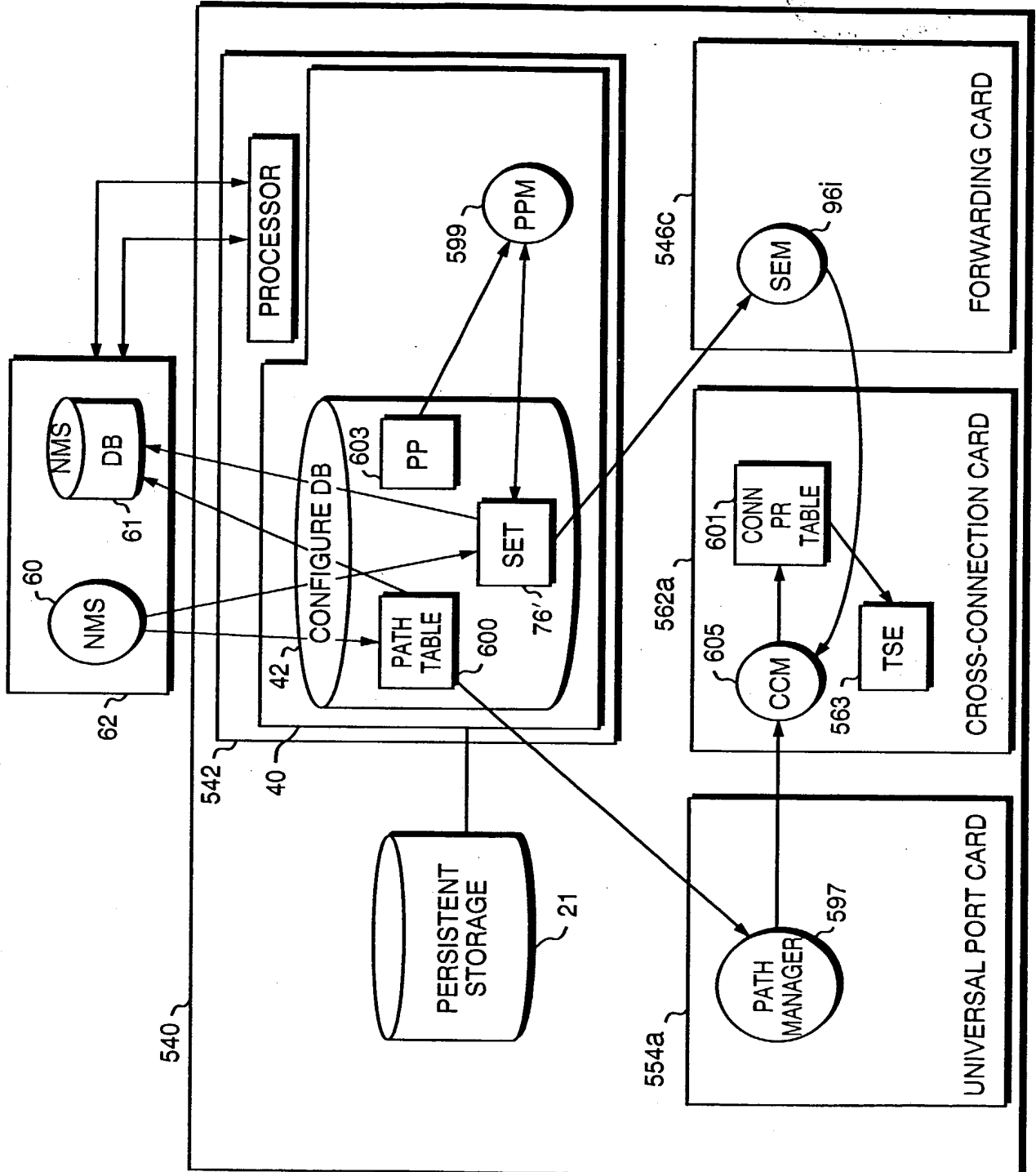


FIG. 37

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PATH TABLE 600

602

PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	...
1666	1231	4	3	
⋮	⋮	⋮	⋮	⋮

FIG. 38

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SERVICE END POINT TABLE 76'

604	SE #	Q #	606 FC LID	608 FC SLICE	610 FC TIME SLOT	PATH PID	...
	878	1				1666	

FIG. 39

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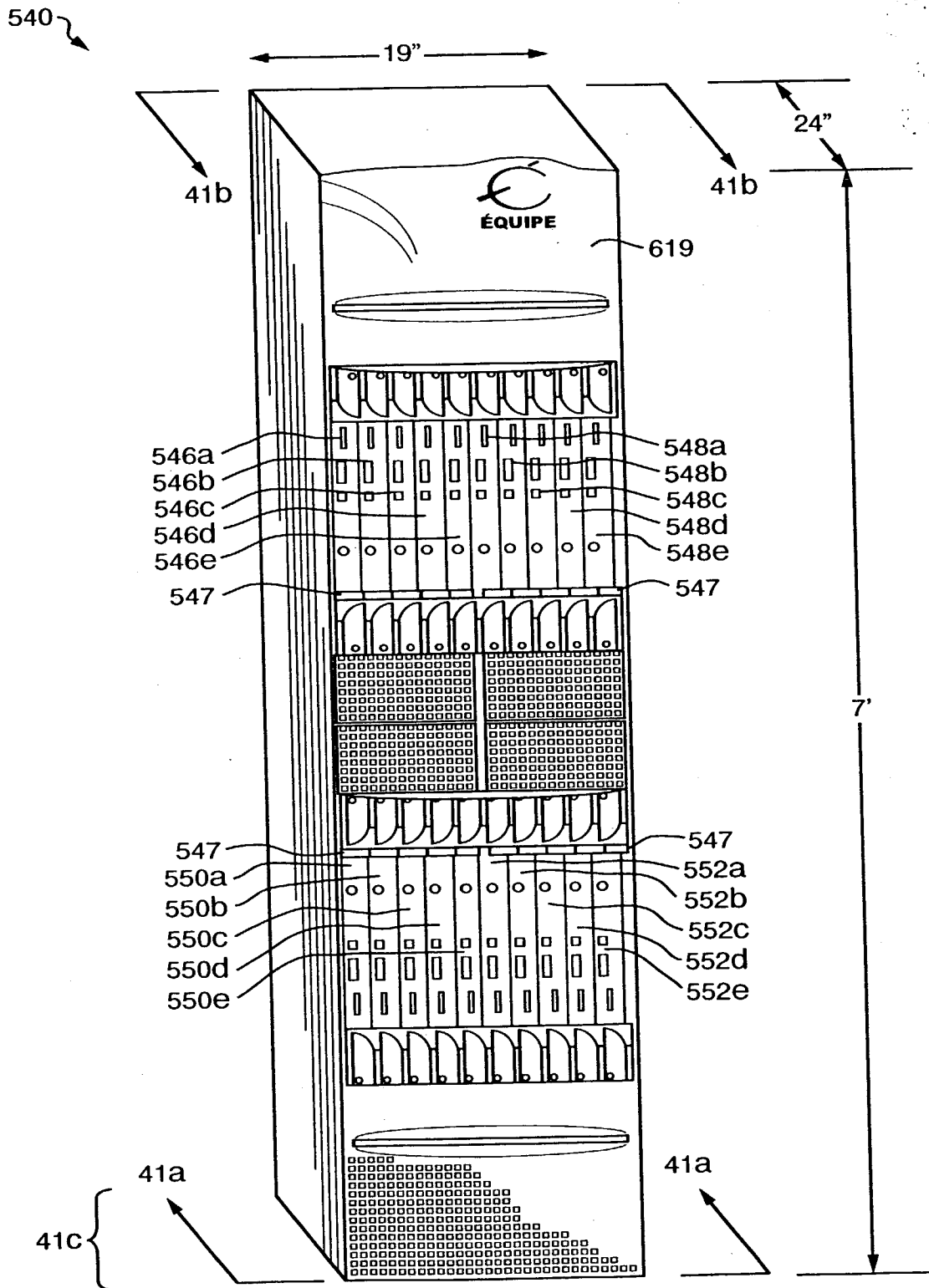


FIG. 40

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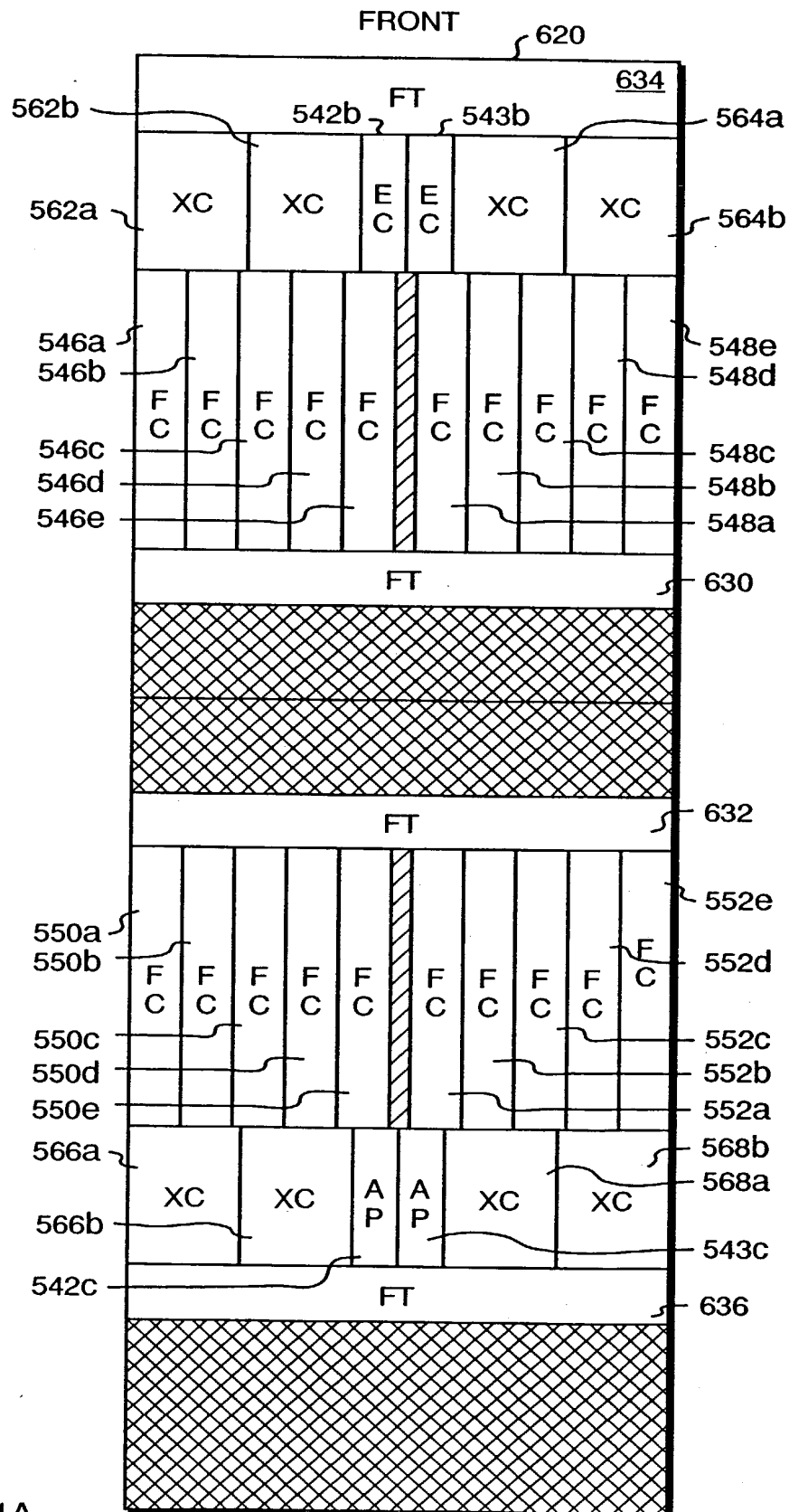
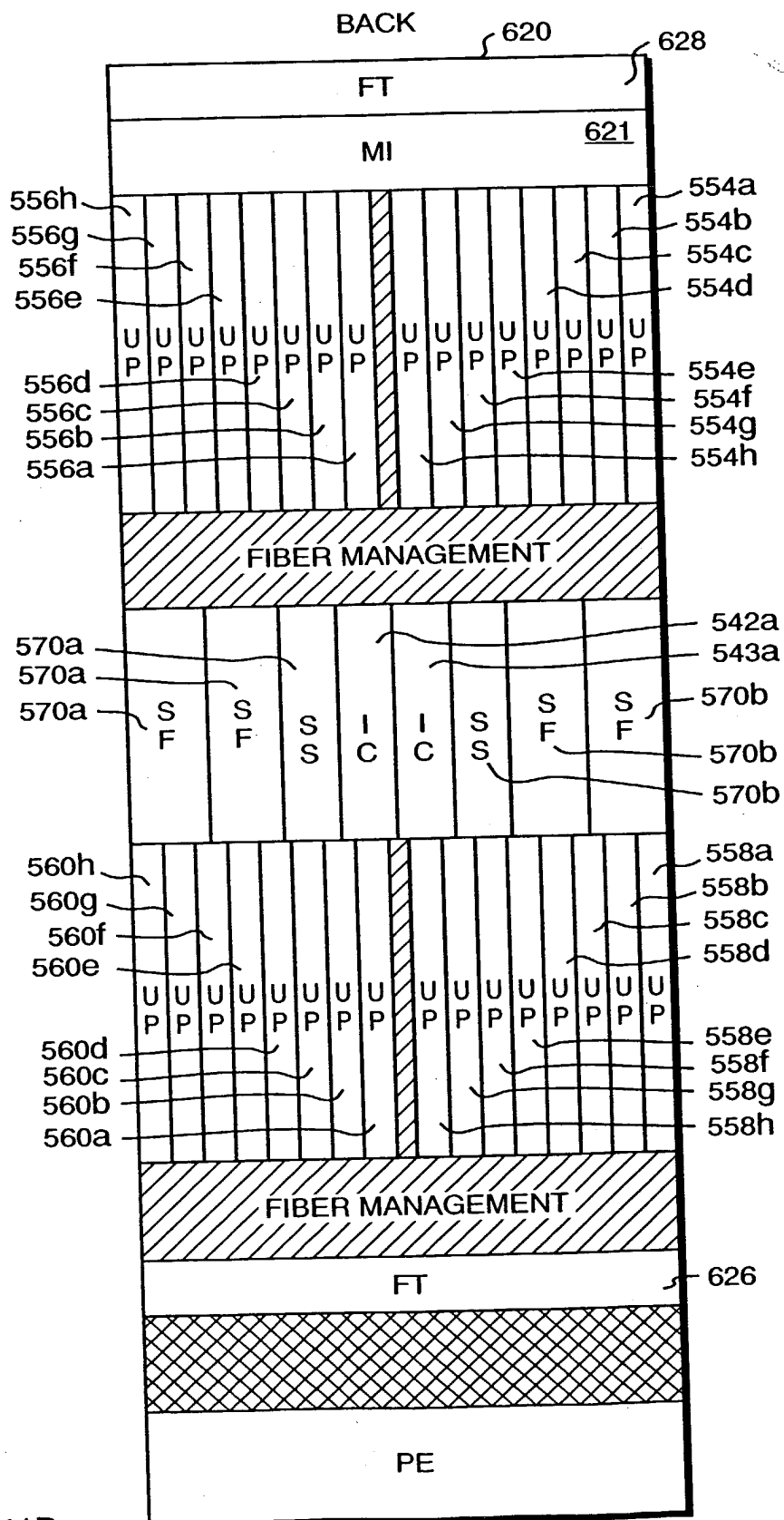


FIG. 41A

A circular ink stamp from the National Bureau of Standards. The text "NATIONAL BUREAU OF STANDARDS" is curved along the top inner edge, and "GAITHERSBURG, MD." is curved along the bottom inner edge. The center of the stamp contains the date "JUN 19 1964".



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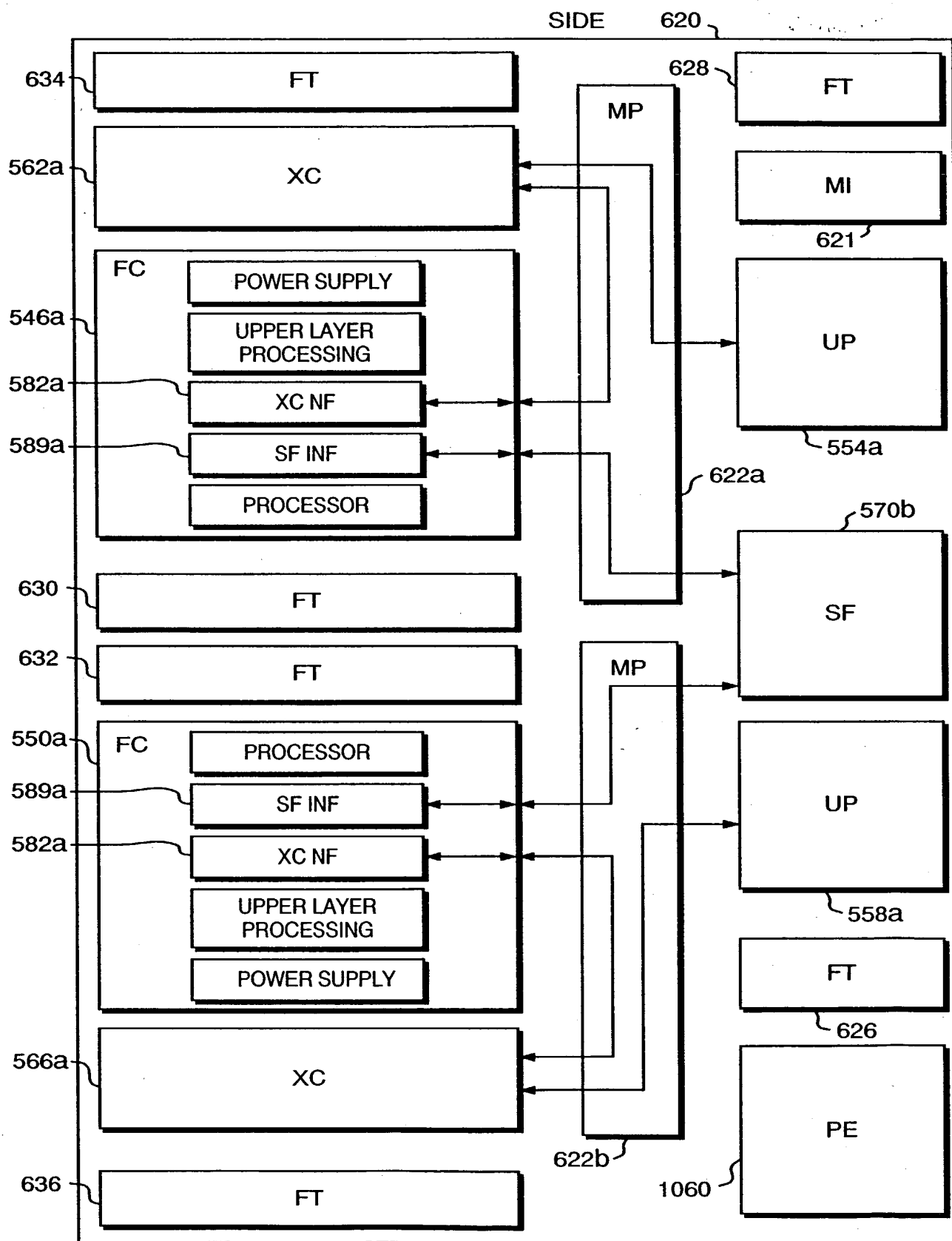


FIG. 41C

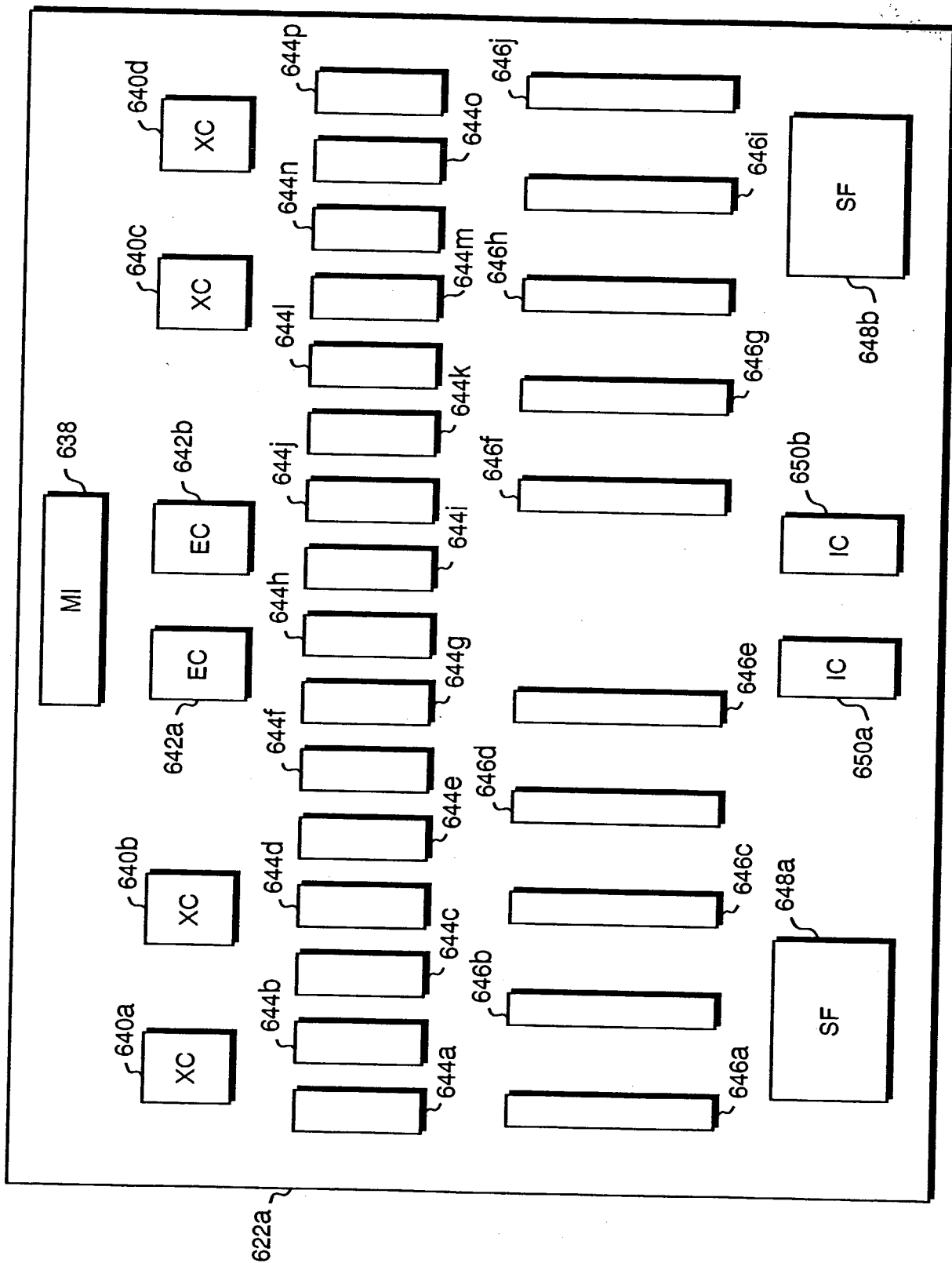


FIG. 42A

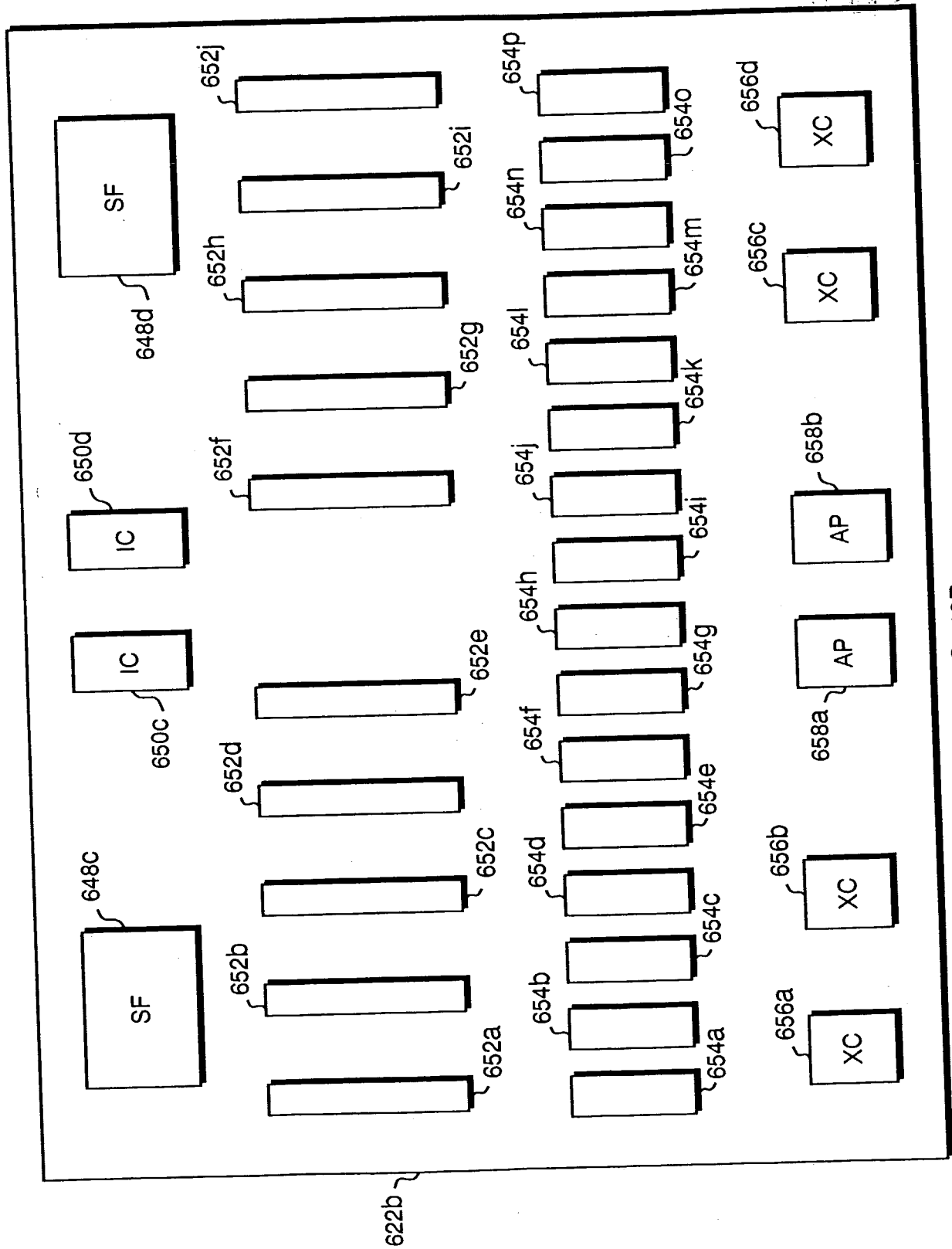


FIG. 42B

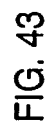


FIG. 43

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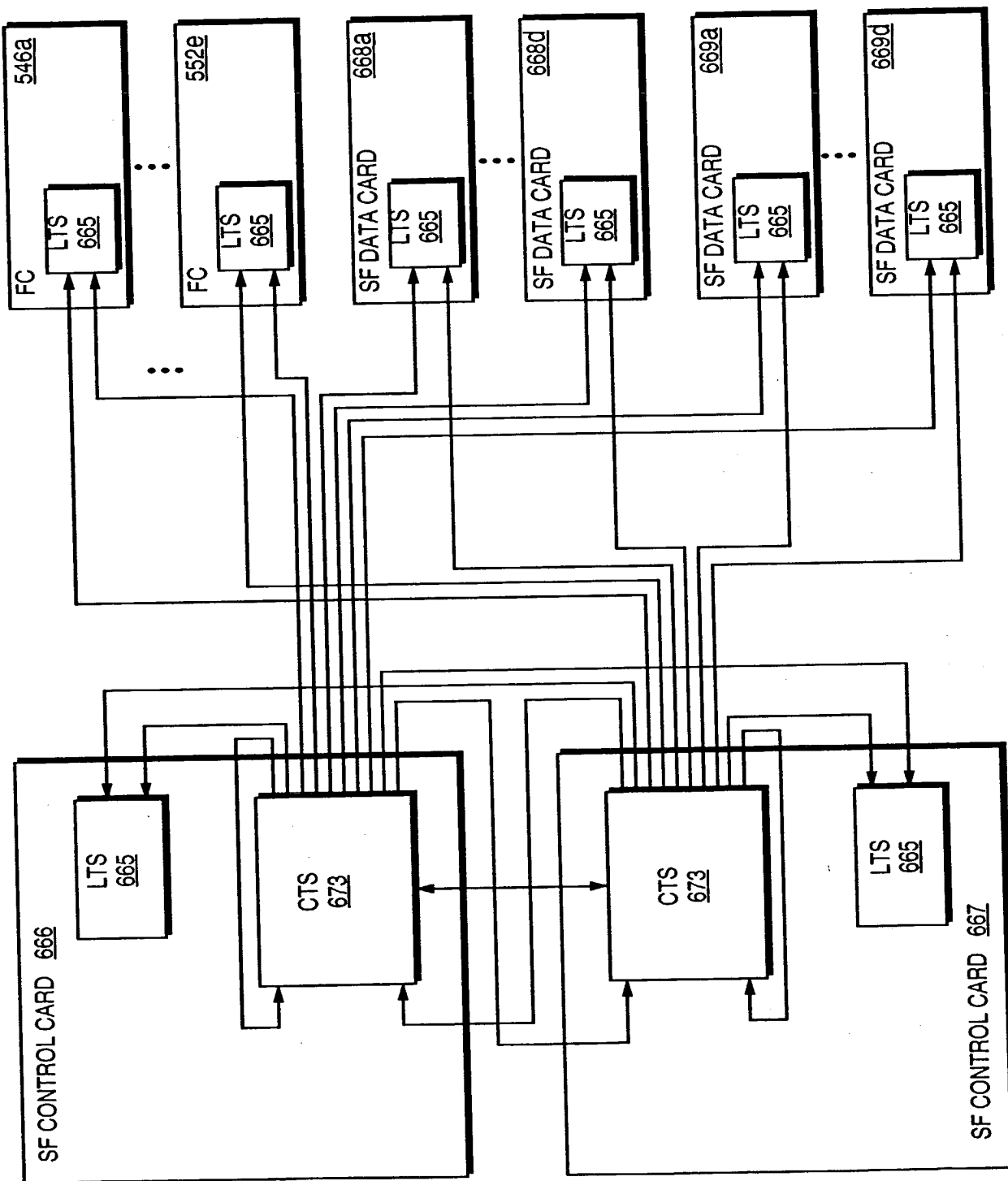
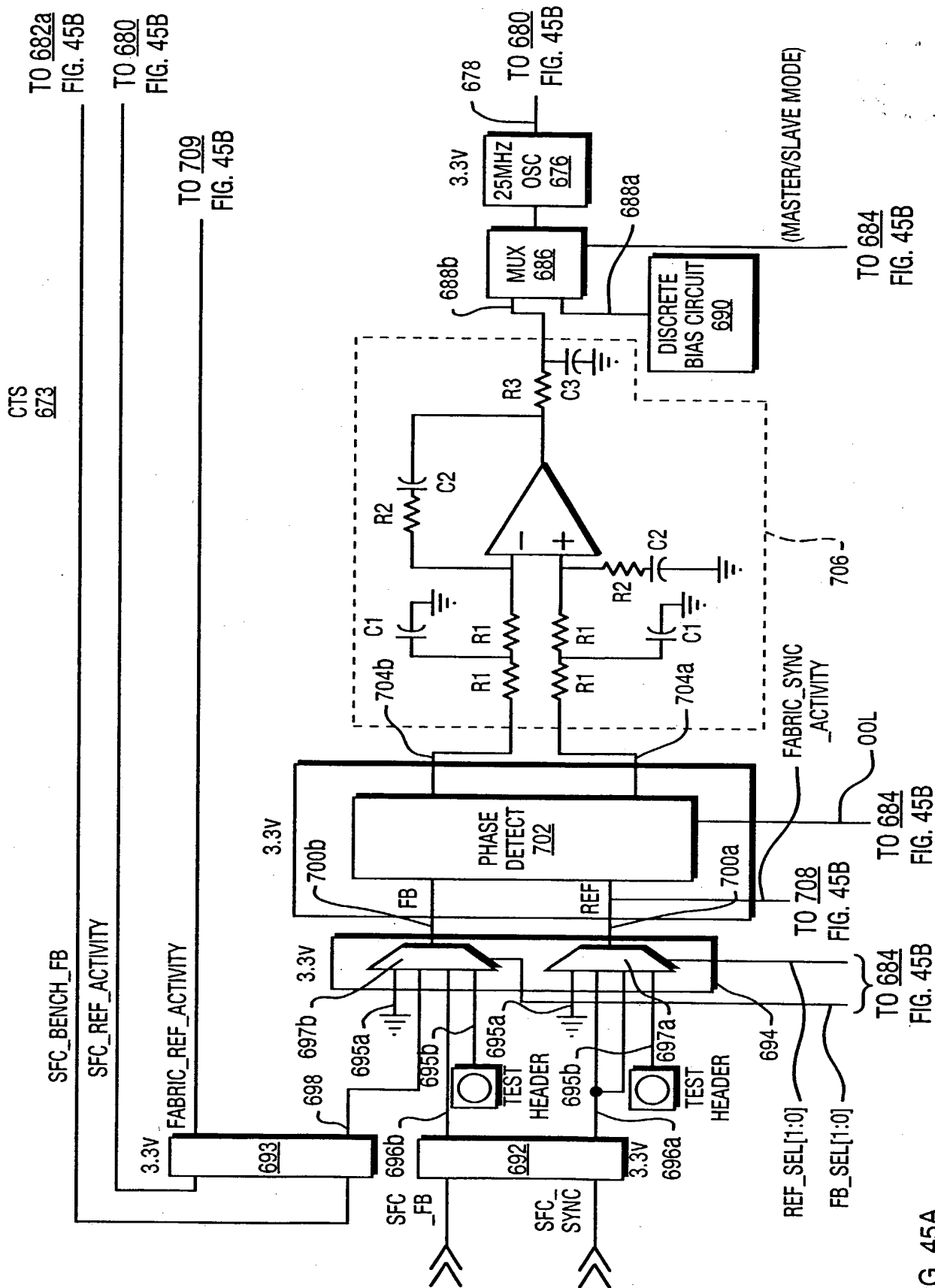
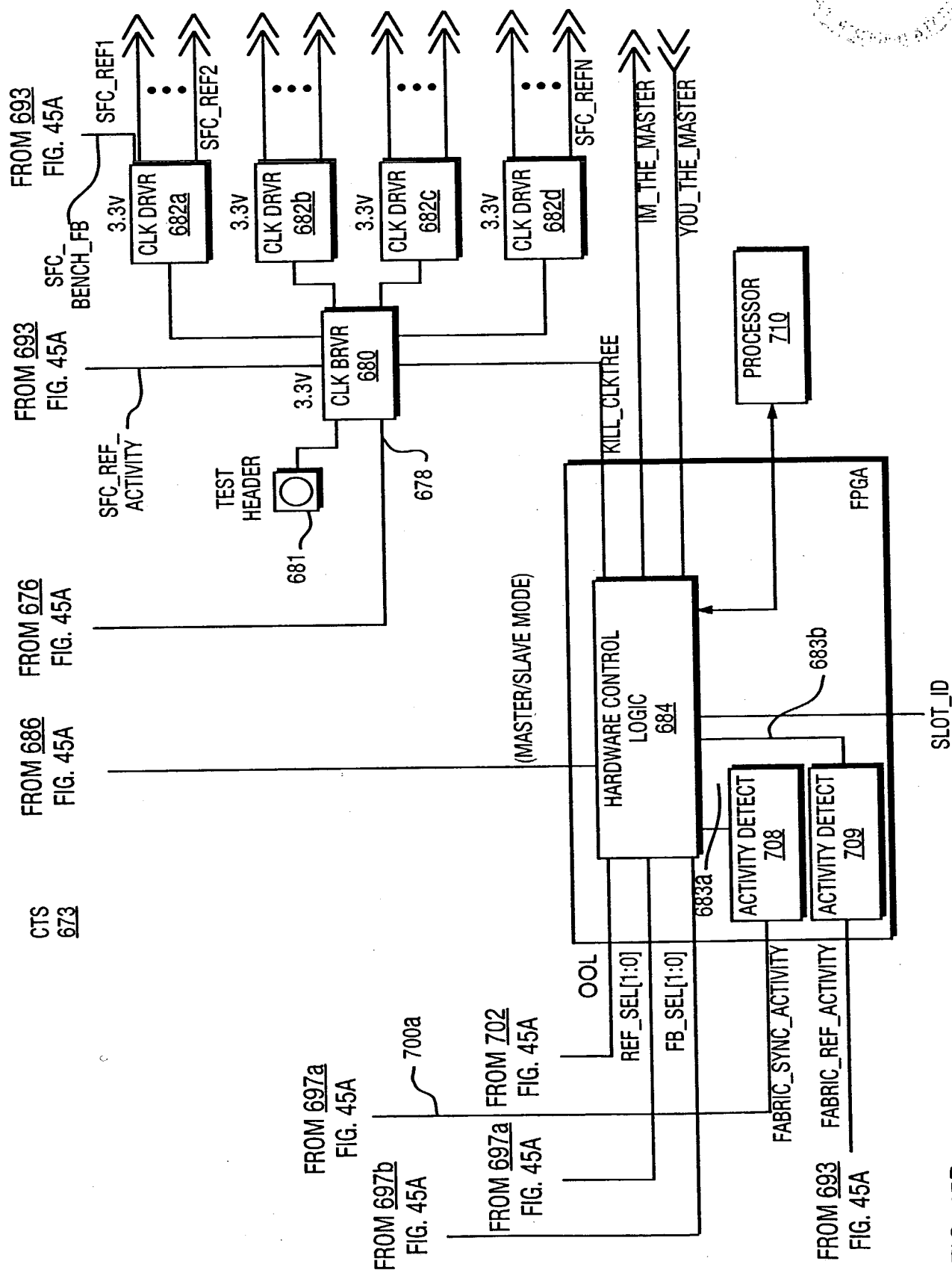


FIG. 44





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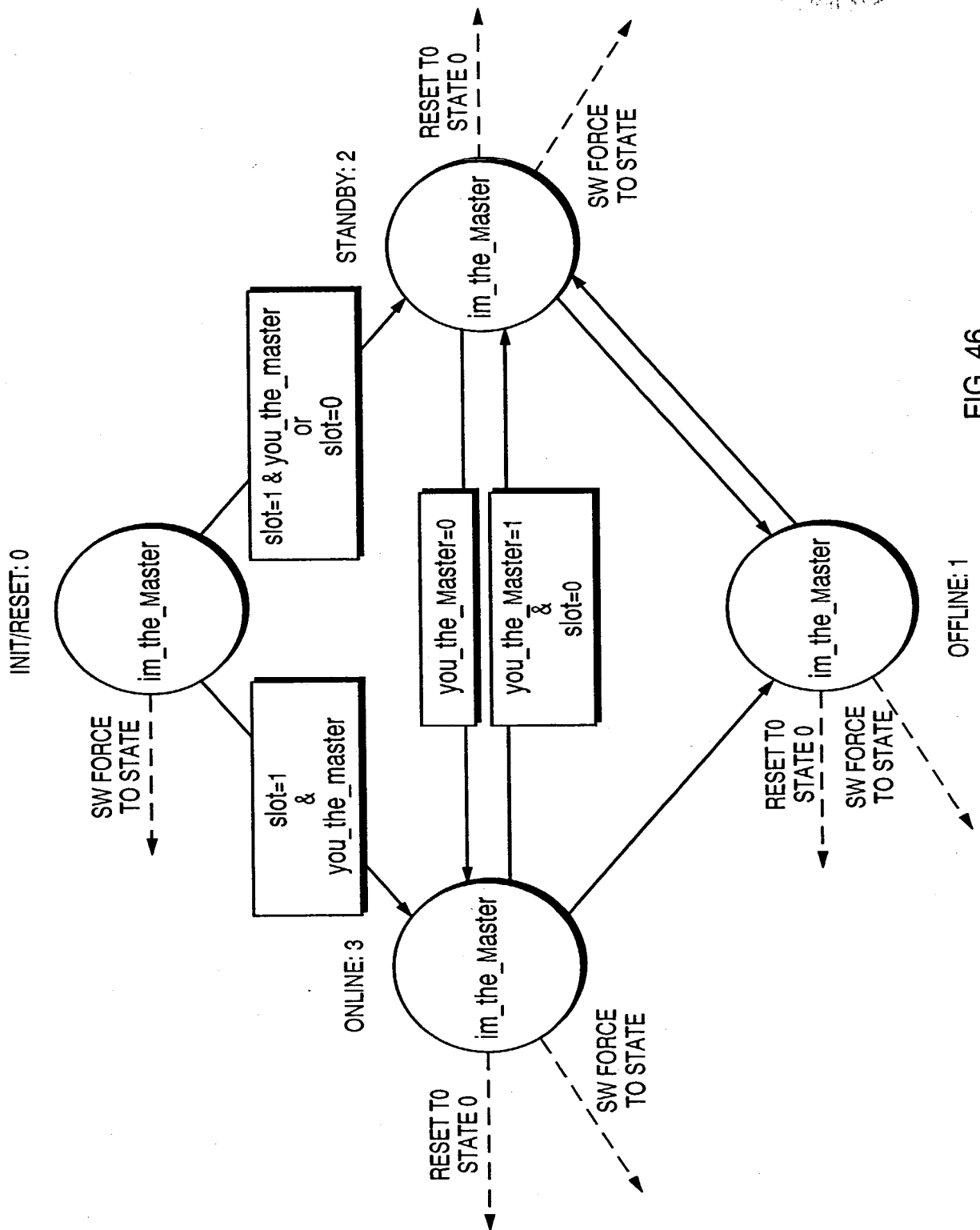


FIG. 46

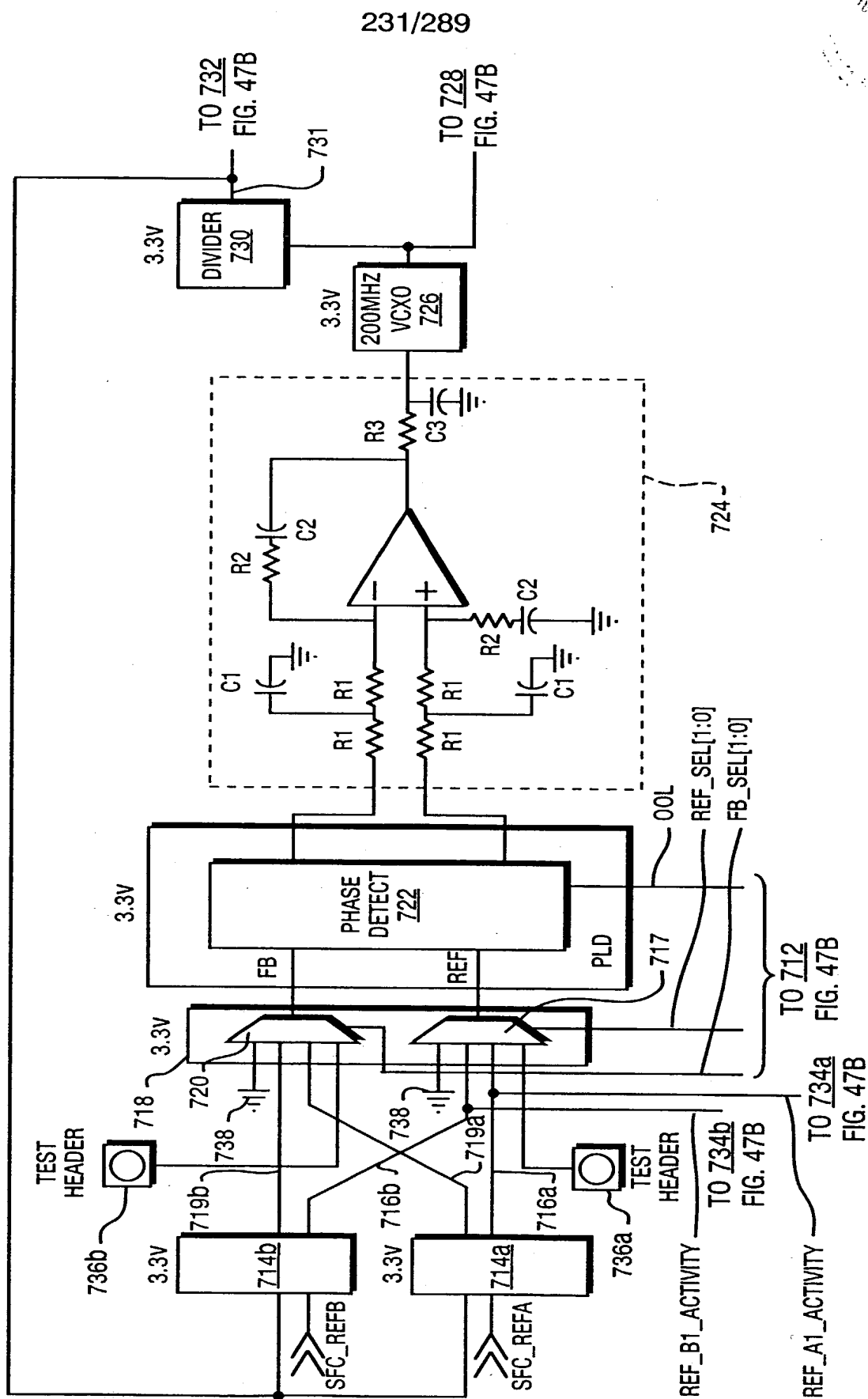


FIG. 47A

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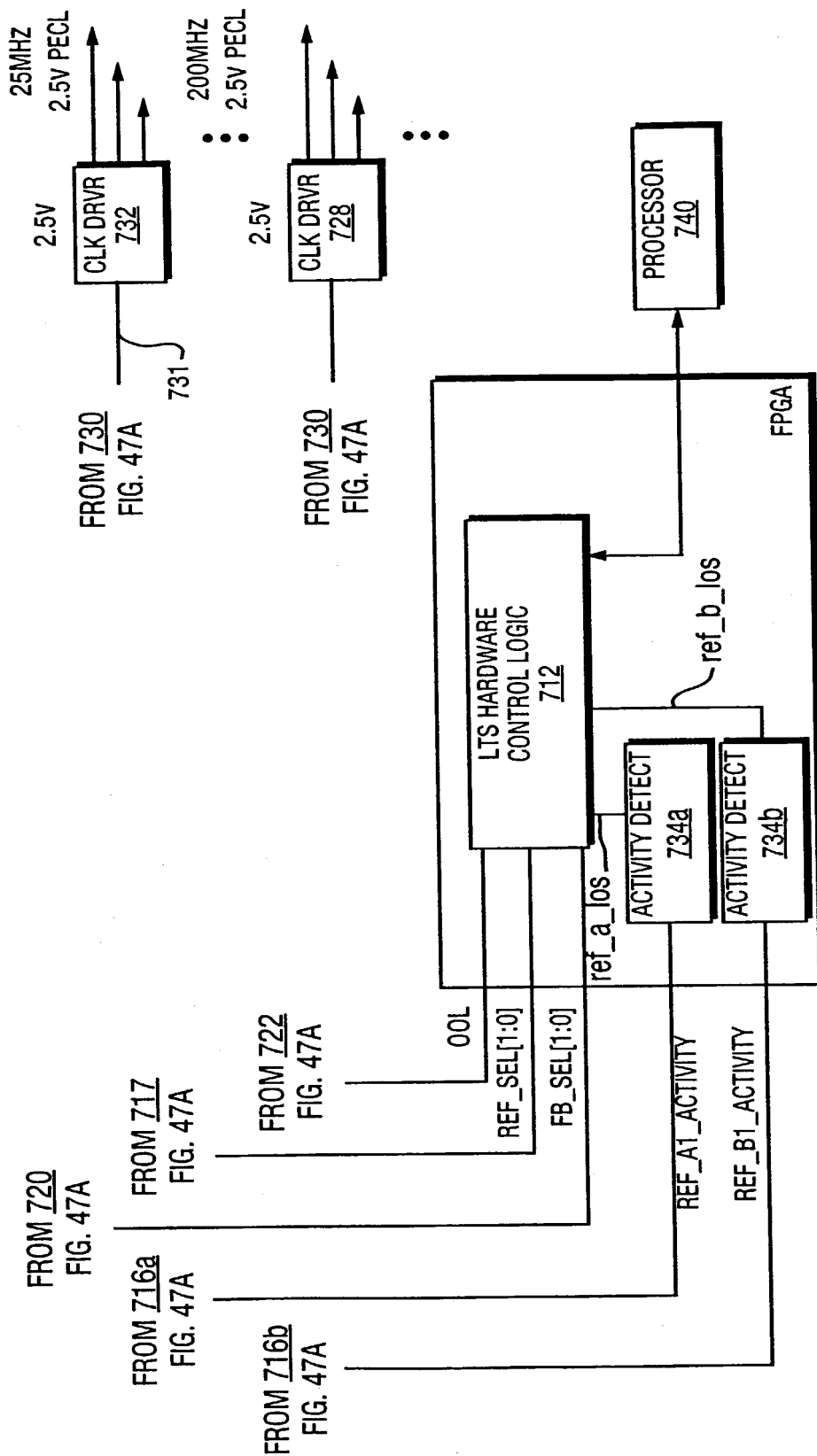


FIG. 47B

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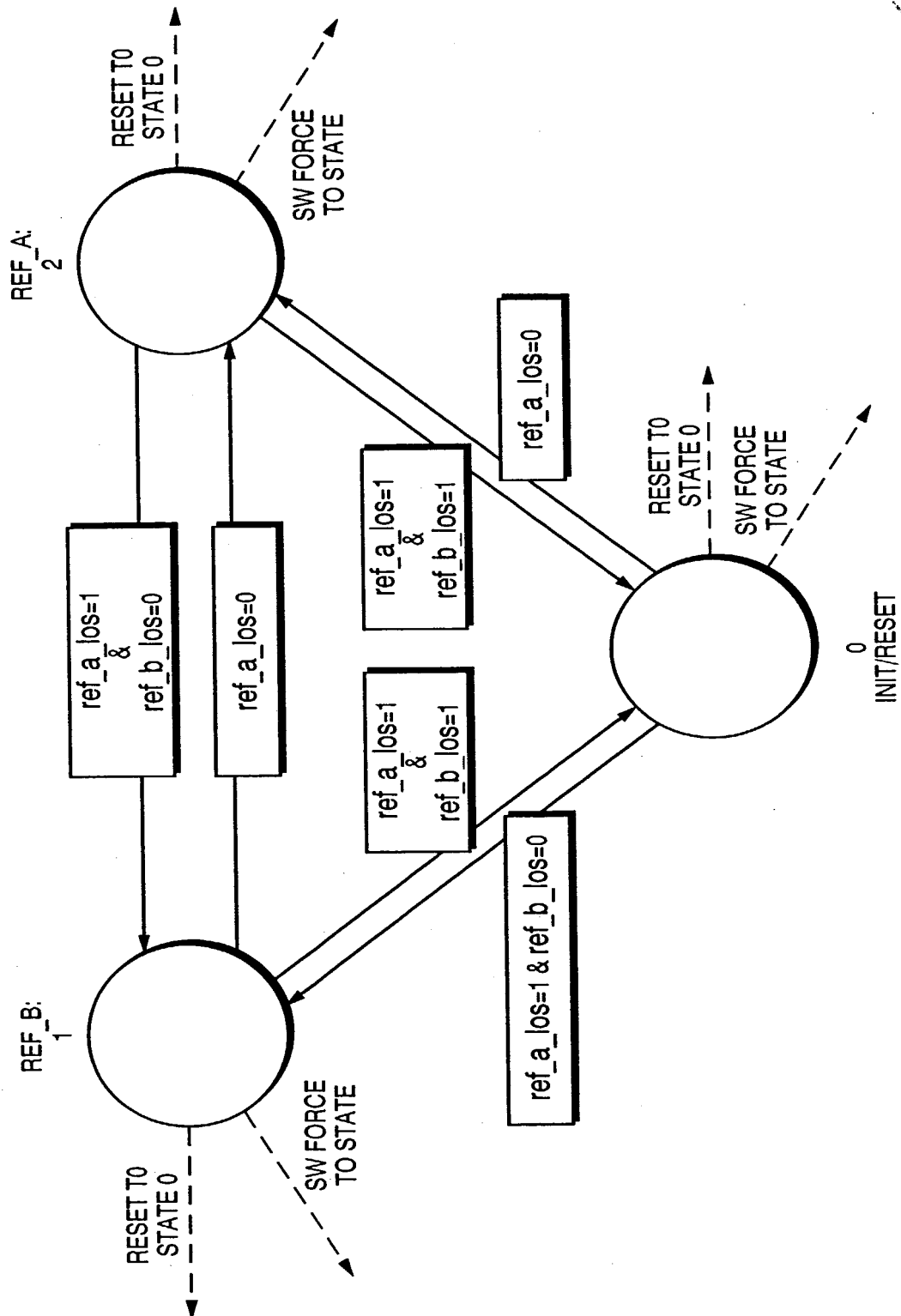


FIG. 48

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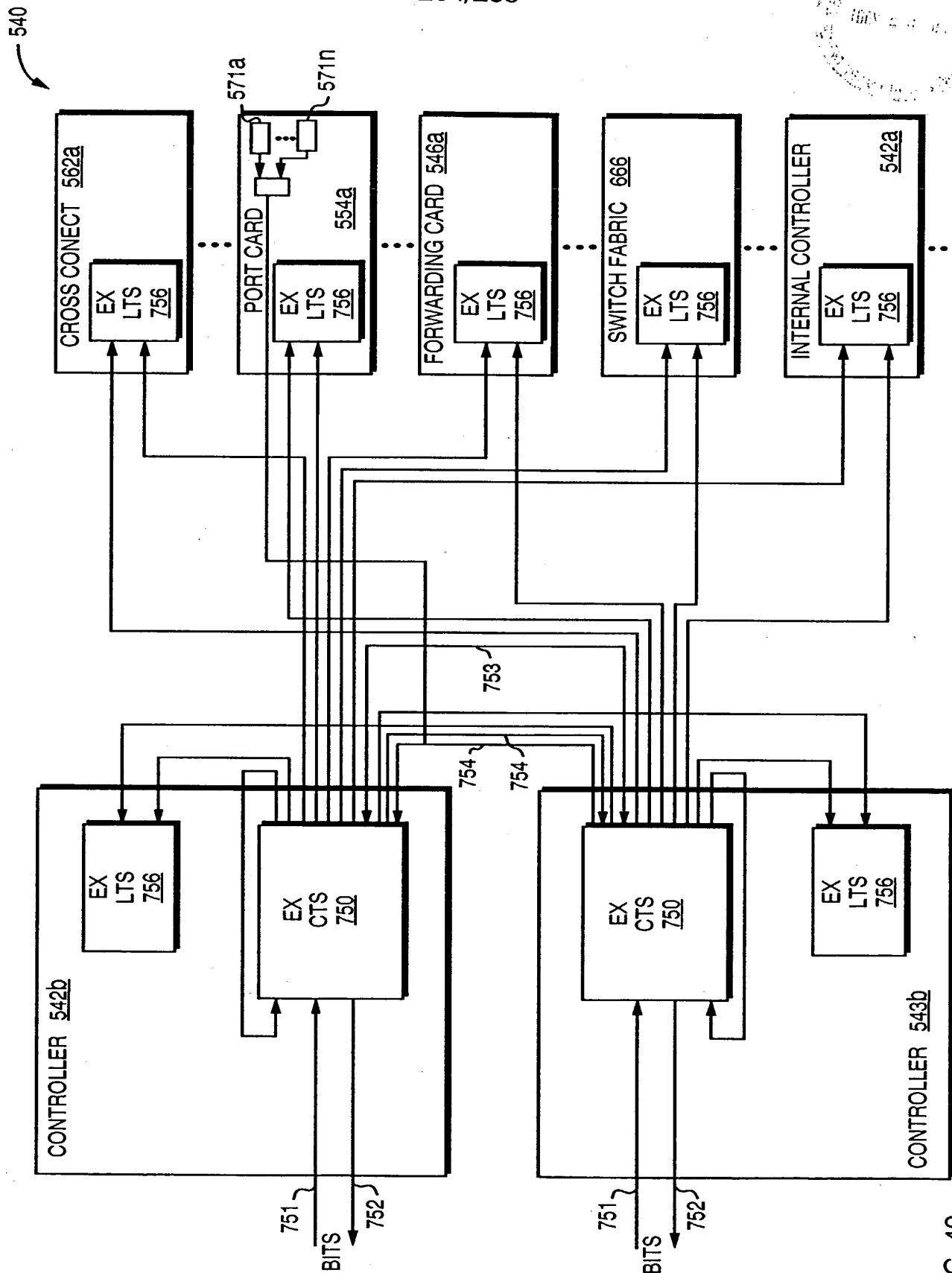


FIG. 49

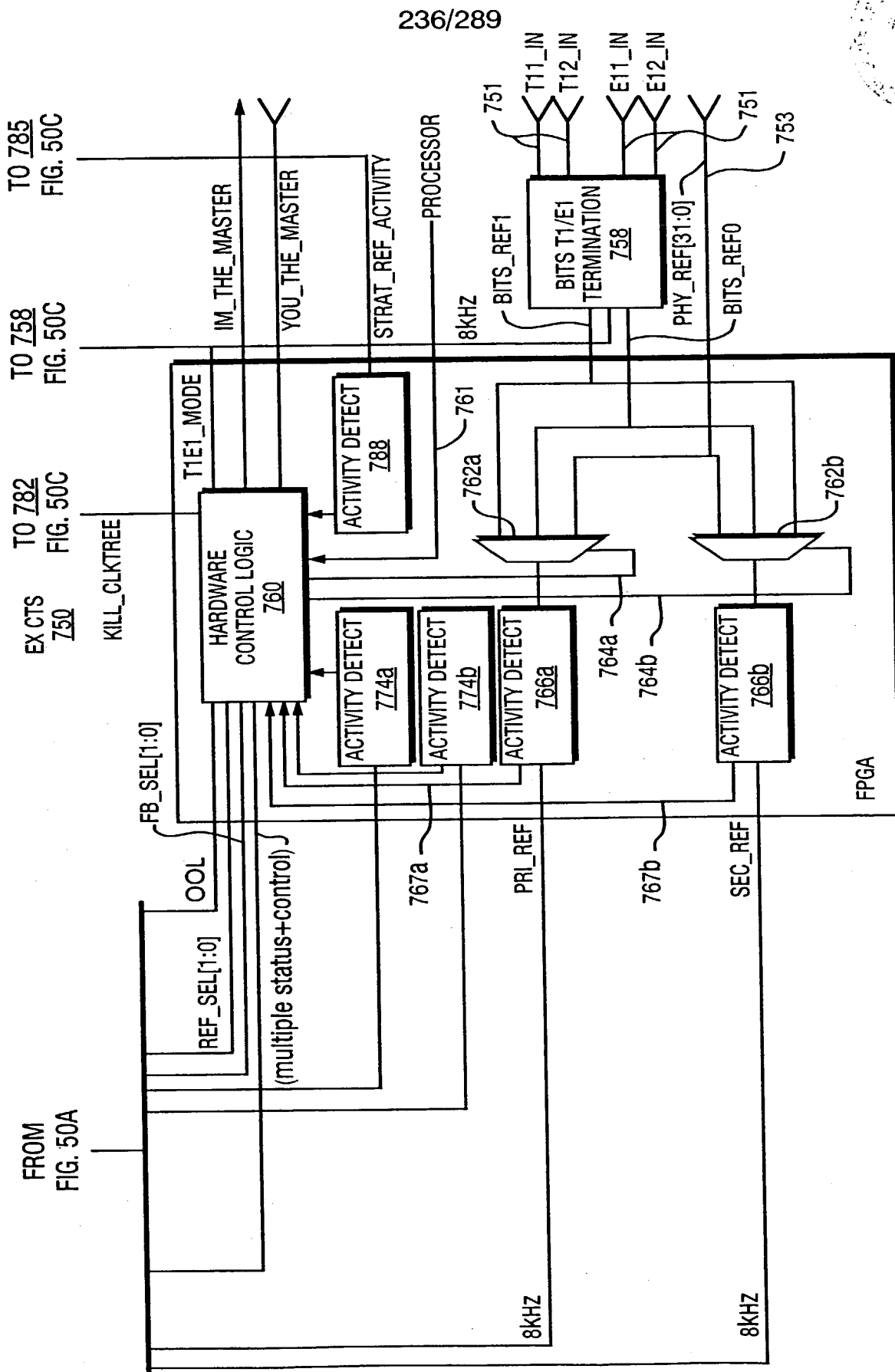


FIG. 50B

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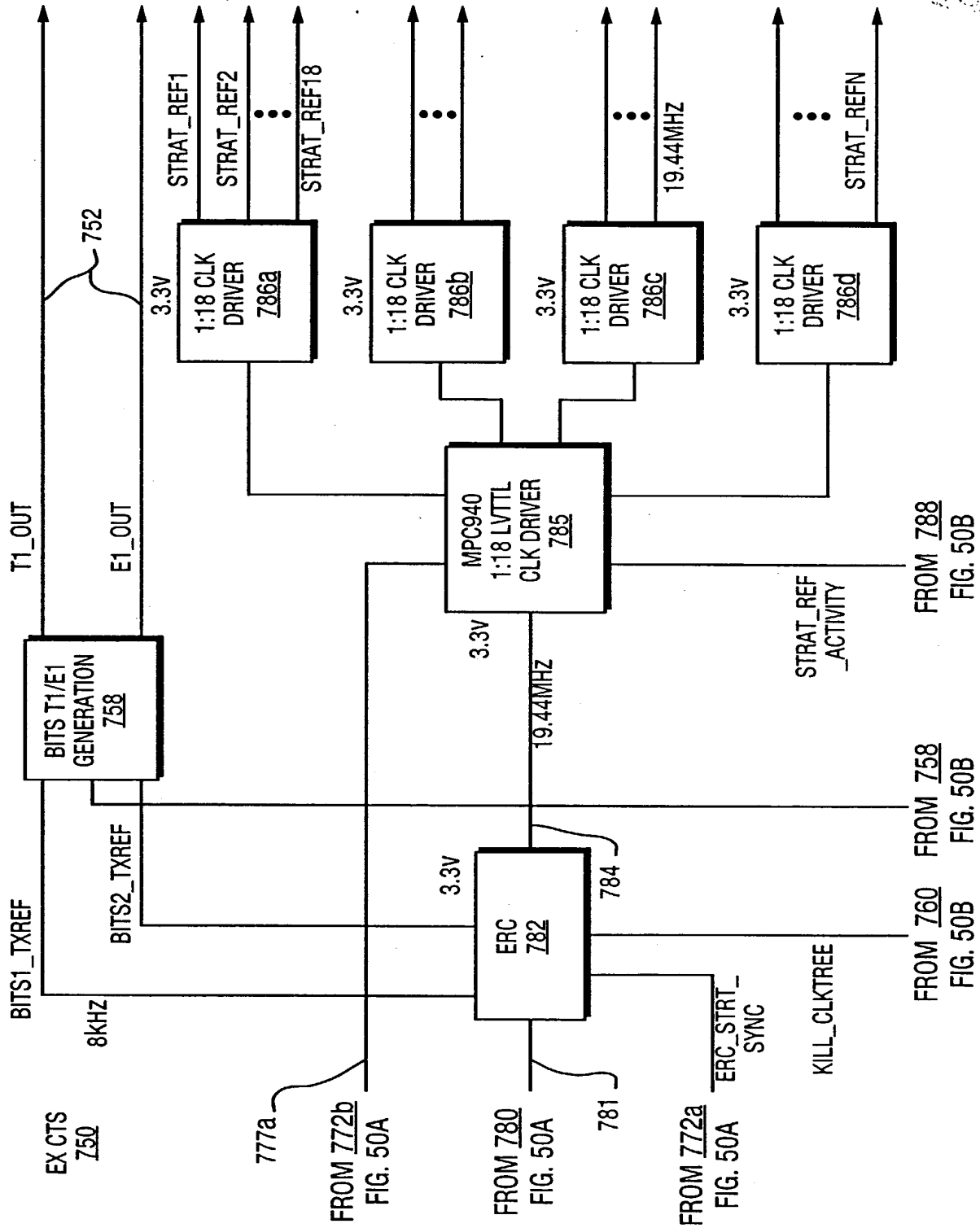


FIG. 50C

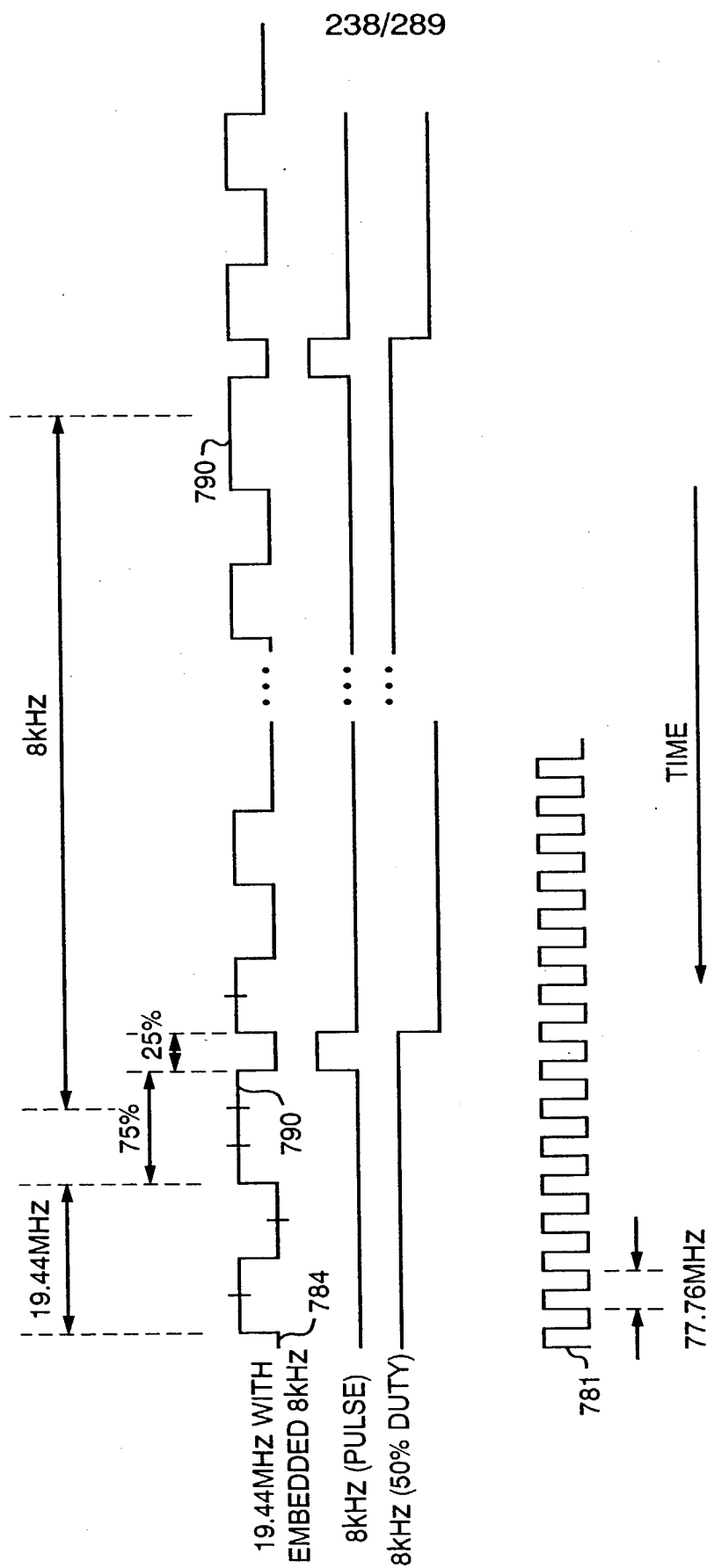


FIG. 51

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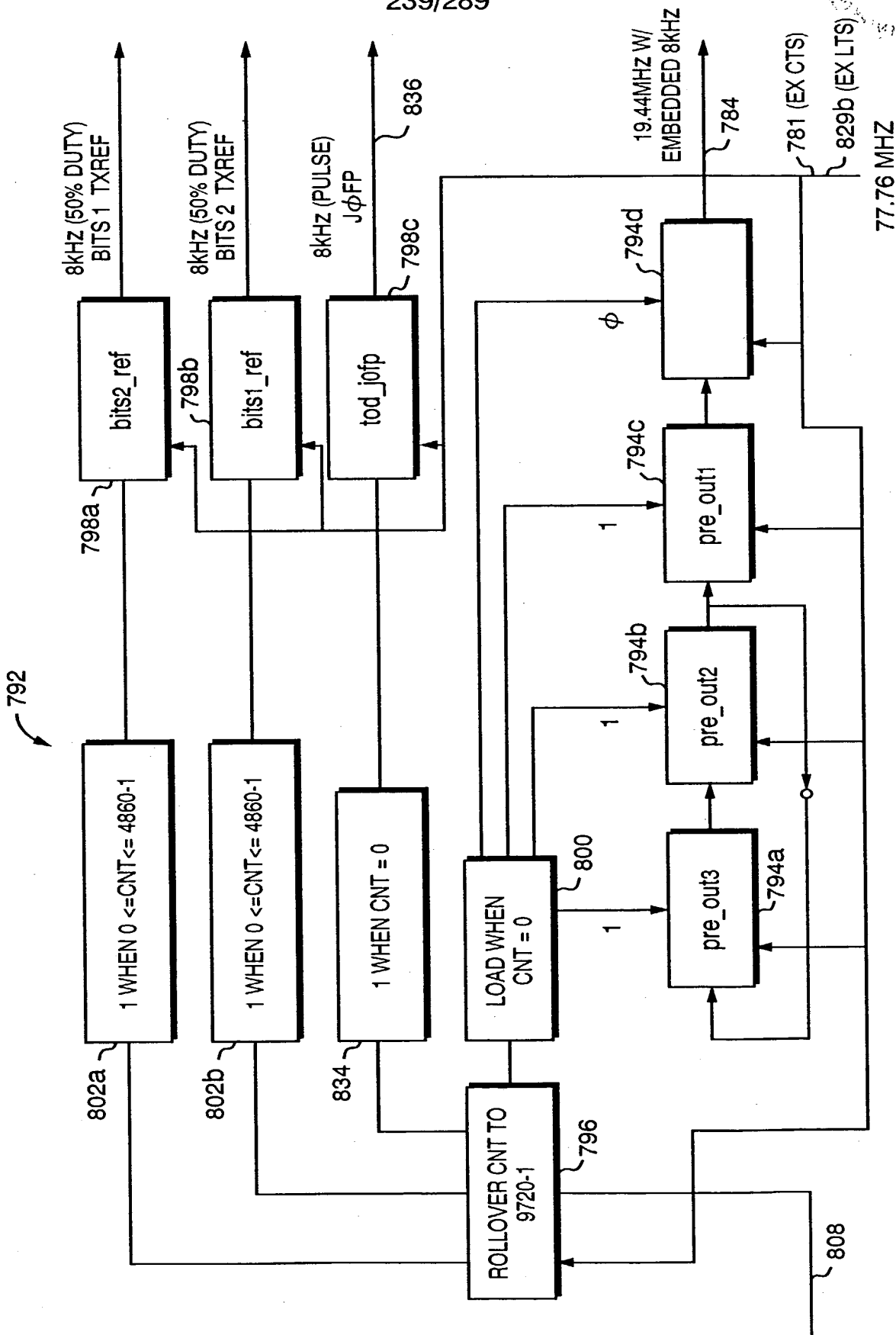


FIG. 52

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EXTRACTOR
804

ERC_STRAT_SYNC (EX CTS)
STRAT_REF_A OR STRAT_REF_B (EX LTS) 832
19.44MHz WITH ENCLOSED 8kHz
(MUST BE PULLED LOW WHEN NOT PRESENT)

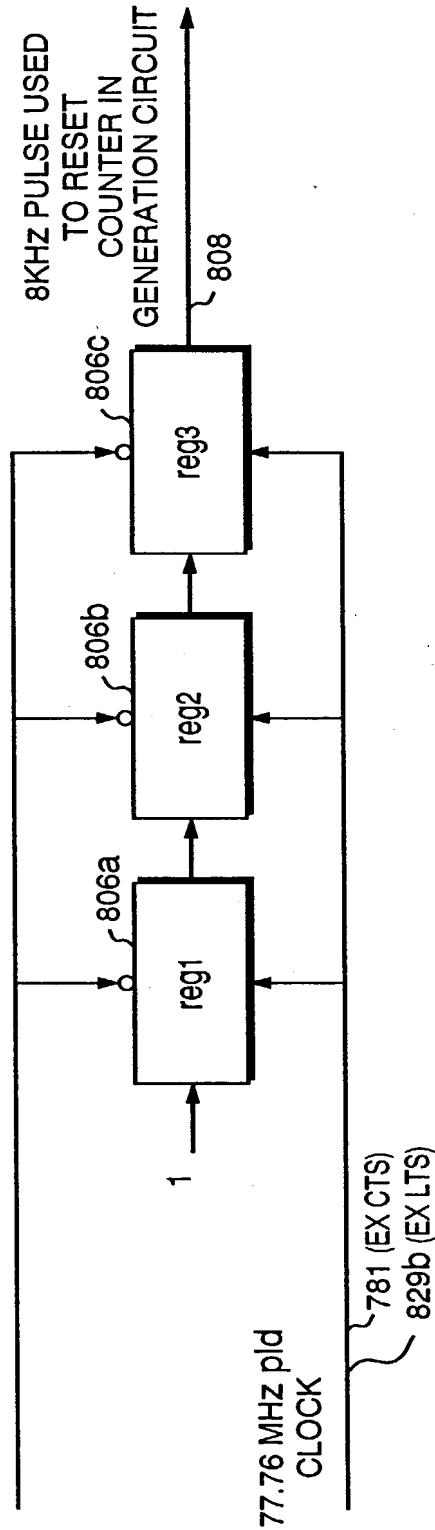
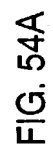
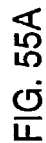


FIG. 53





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EX CTS
750a

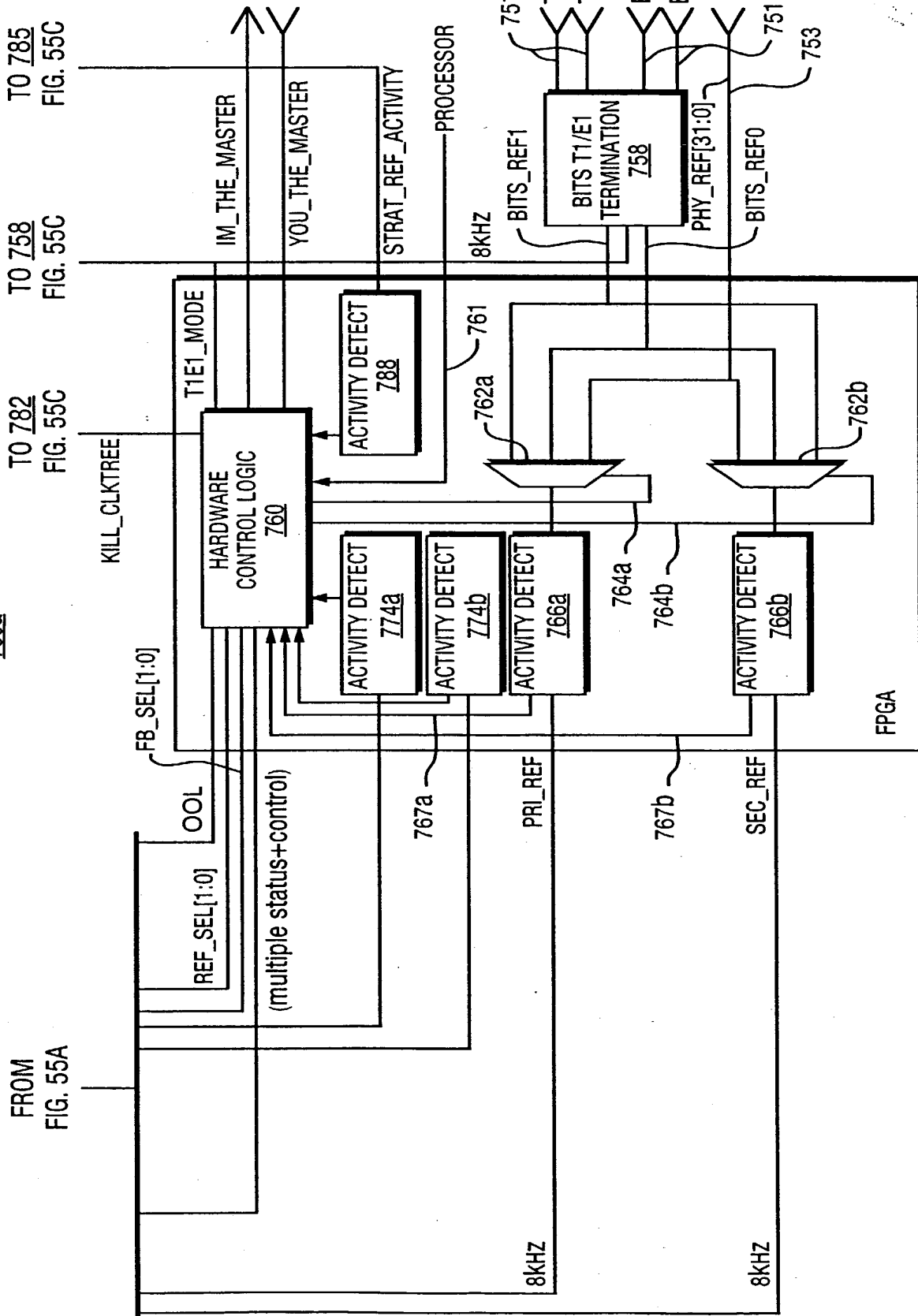


FIG. 55B

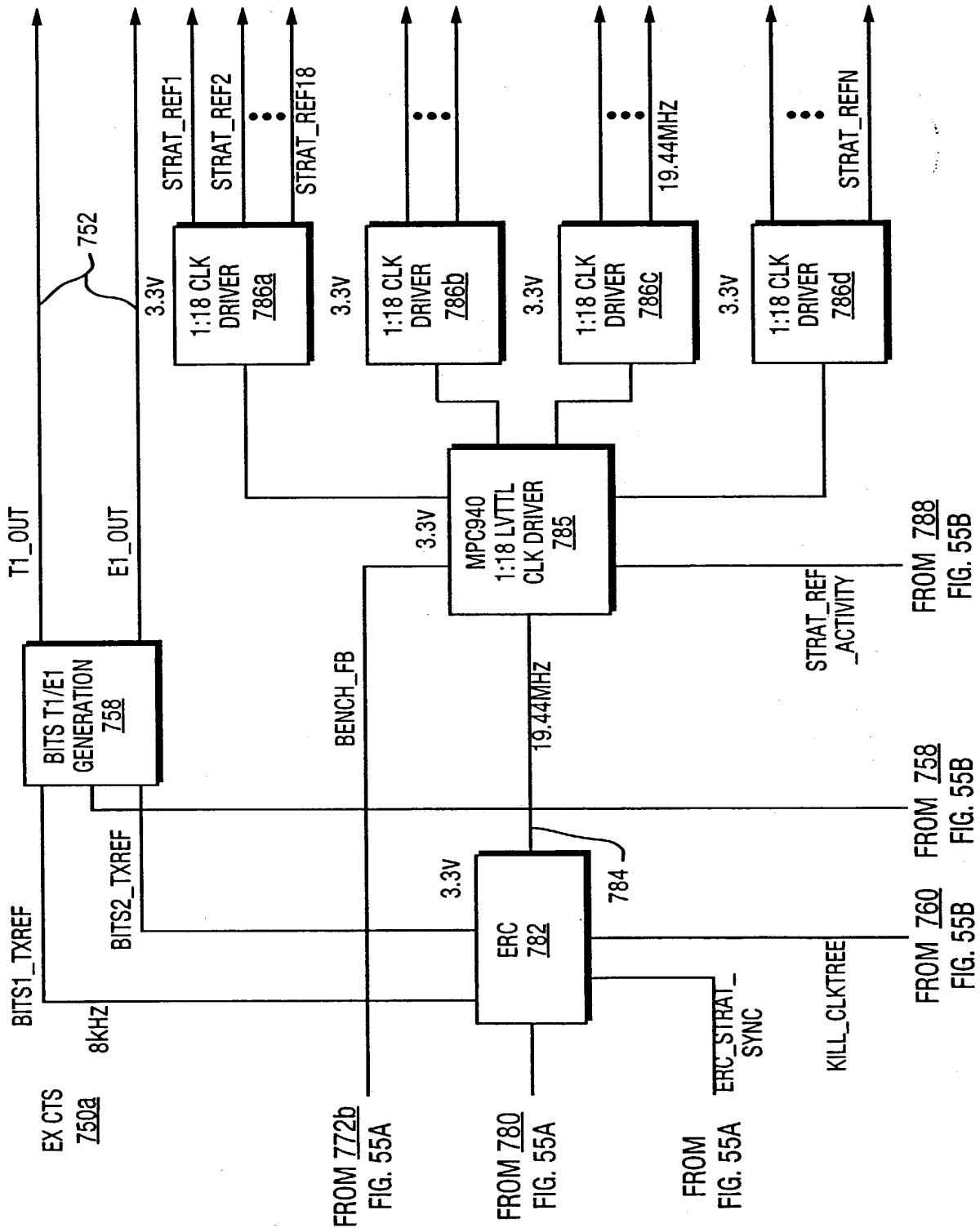


FIG. 55C

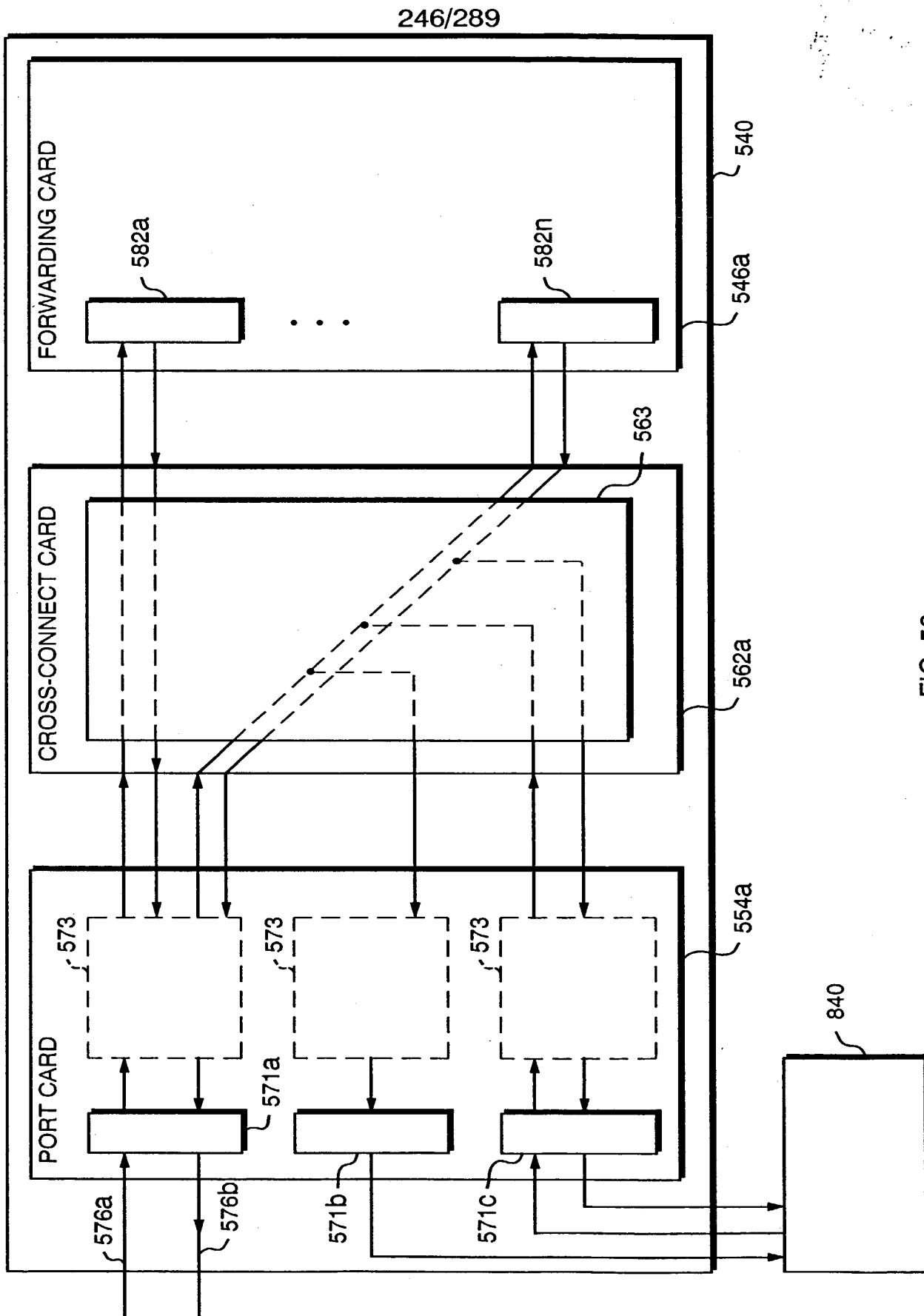


FIG. 56

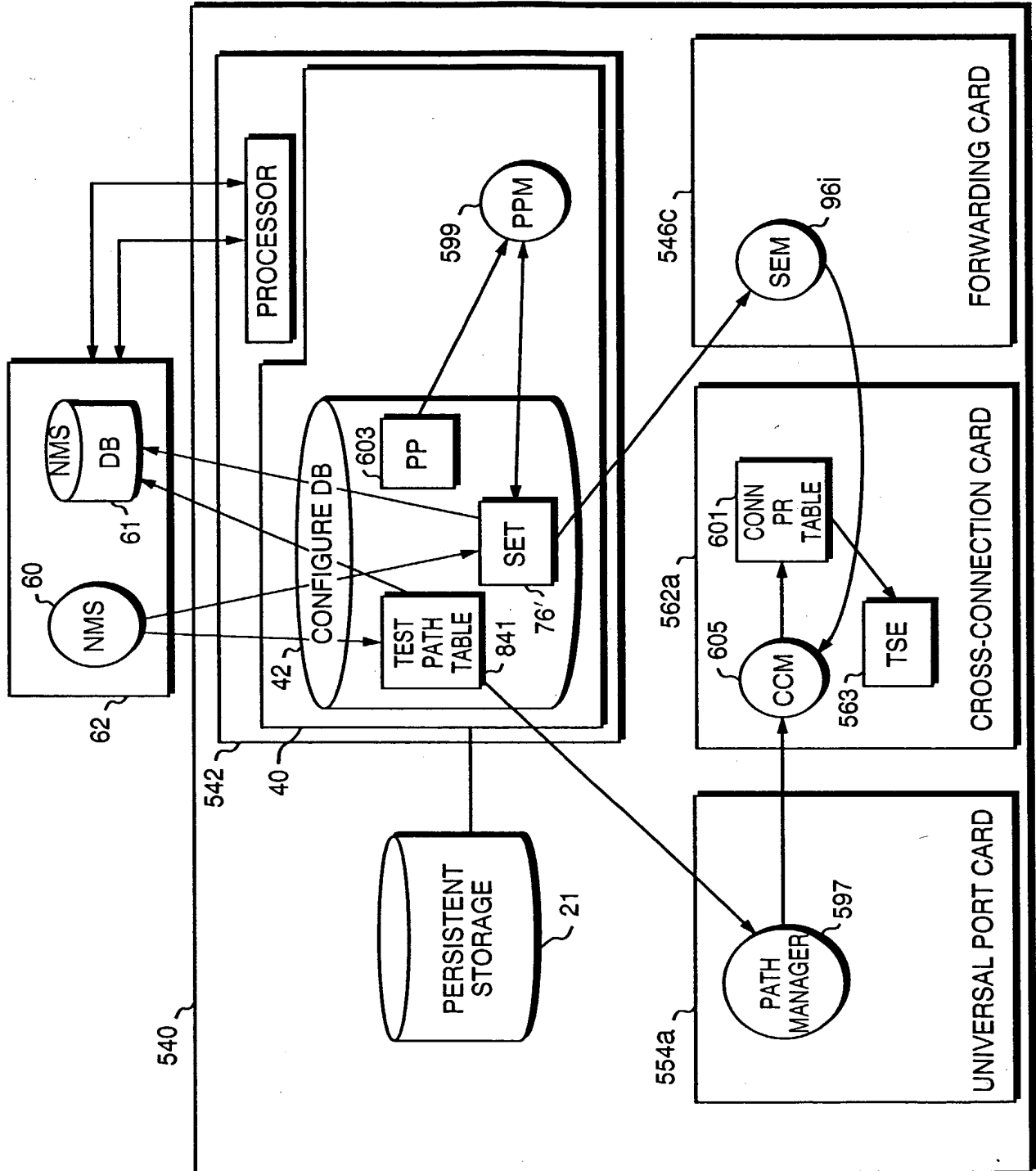


FIG. 57

TEST PATH TABLE 841

842	843	844	844				845	
			PATH LID	UP PORT LID	TIME SLOT	# OF TIME SLOTS	MONITOR	ENABLE PORT RECEIVER
			1666	1232	4	3	INGRESS	NO
			1666	1233	4	3	EGRESS	NO
			1666	1233	4	3	INGRESS	YES
				
				
				
								...

FIG. 58

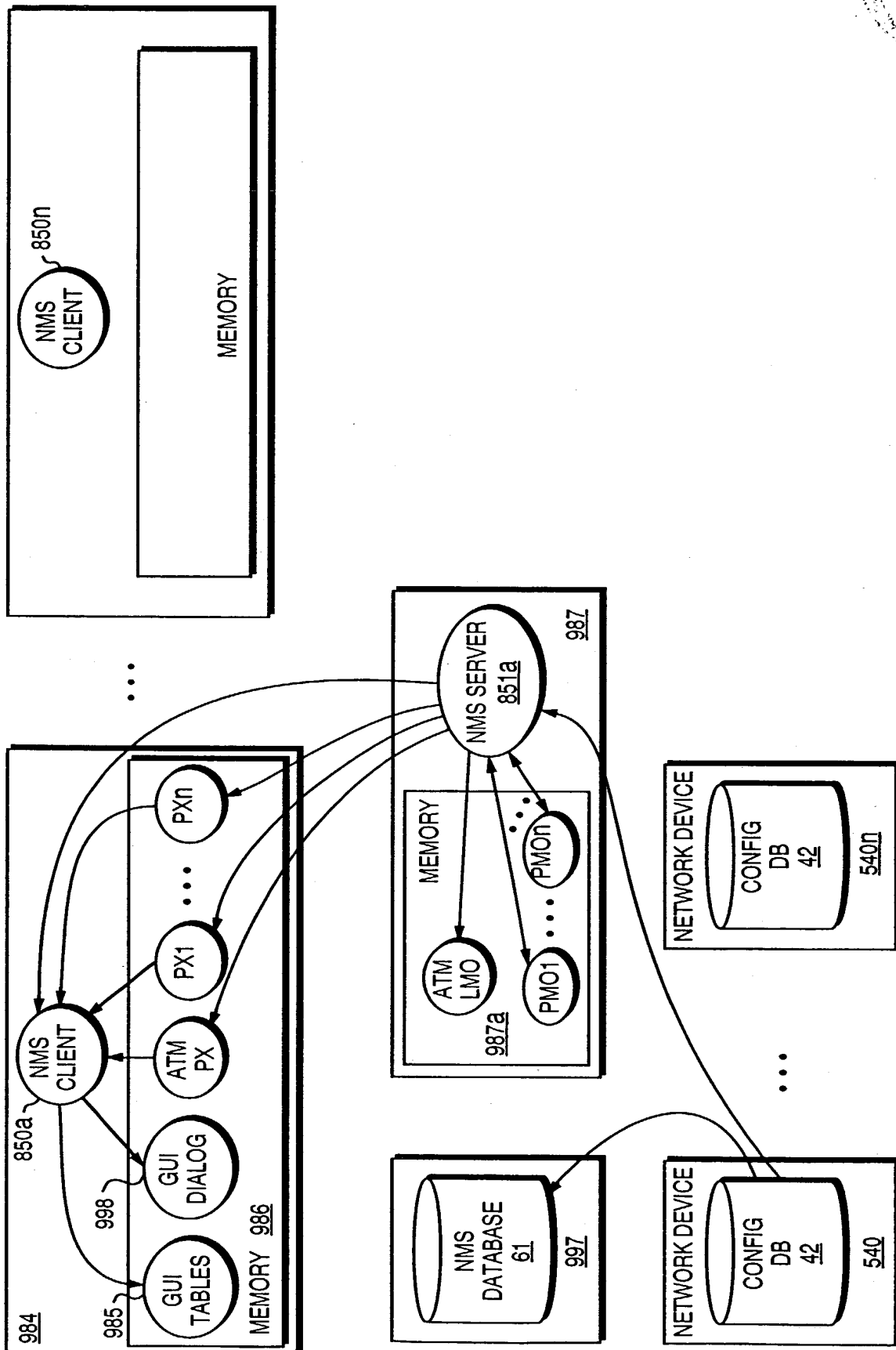


FIG. 59

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MANAGED DEVICE TABLE 983

983b	PID	A1	...	An	
	1				983a

FIG 60A

CHASSIS TABLE 988

988b	PID	A1	...	An	MANAGED DEVICE PID	988c
	1				1	988a
	
	
	

FIG 60B

SHELF TABLE 989

989a	PID	A1	...	An	CHASSIS PID	989b
	3				2	
	4				2	
	
	
	
	18				2	

FIG 60C

SLOT TABLE 990

990a	PID	A1	...	An	SHELF PID	990b
990c	20				3	
	21				3	
	
	
990d	116				18	

FIG 60D

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CARD TABLE 47'

47a

PID	CWD TYPE	VERSION NO.	SLOT PID	...
120	0XF002	3	20	
121	0XF002	4	21	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
124	0X6002	1	24	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
131	0XF002	1	31	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

47b

FIG 60E

PORT TABLE 49'

49a

PID	PORT TYPE	VERSION NO.	CARD PID	...
300	00620	1	20	
301	00620	1	20	
302	00620	1	20	
303	00620	1	20	
304	00820	1	20	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•
400	00620	1	39	
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

49b

FIG 60F

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SONET PATH TABLE 600'

600a	600b				
	PATH LID	PORT LID	TIME SLOT	# OF TIME SLOTS	...
	901	304	4	3	
	•	•	•	•	•
	•	•	•	•	•
	•	•	•	•	•

FIG. 60G

SERVICE ENDPOINT TABLE 76''

76a	76c		76d		76e	76b	
	SE LID	Q #	FC PID	FC SLICE PID	FC TIME SLOT	PATH LID	...
	3000					901	
	•	•	•	•	•	•	•
	•	•	•	•	•	•	•
	•	•	•	•	•	•	•

FIG. 60H

ATM IF TABLE 114''

114a	114b			
	ATM IF LID	ATM GROUP LID	SE LID	...
	5054		3000	...
	•	•	•	•
	•	•	•	•
	•	•	•	•

FIG. 60I

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VIRTUAL ATM IF TABLE 993

993a	LID	A1	...	An	ATM IF LID	993b
	7489				5054	
	:	:	:	:	:	
	:	:	:	:	:	
	:	:	:	:	:	

FIG 60J

VIRTUAL CONNECTION TABLE 994

994a	LID	A1	...	An	VIR. ATM IF LID	994b
	:	:	:	:	:	
	:	:	:	:	:	
	:	:	:	:	:	

FIG 60K

VIRTUAL LINK TABLE 995

995a	LID	A1	...	An	VIR. CONN. LID	CROSS. CONN. LID	995b 995c
	:	:	:	:	:	:	
	:	:	:	:	:	:	
	:	:	:	:	:	:	

FIG 60L

CROSS-CONNECT TABLE 996

996a	LID	A1	...	An	VIR. LINK1 LID	VIR. LINK2 LID	996b 996c
	:	:	:	:	:	:	
	:	:	:	:	:	:	
	:	:	:	:	:	:	

FIG 60M

ATM NODE TABLE 999

999a	LID	A1	...	An	MANAGED DEVICE PID	999b 999c
	5000				1	

FIG 60N

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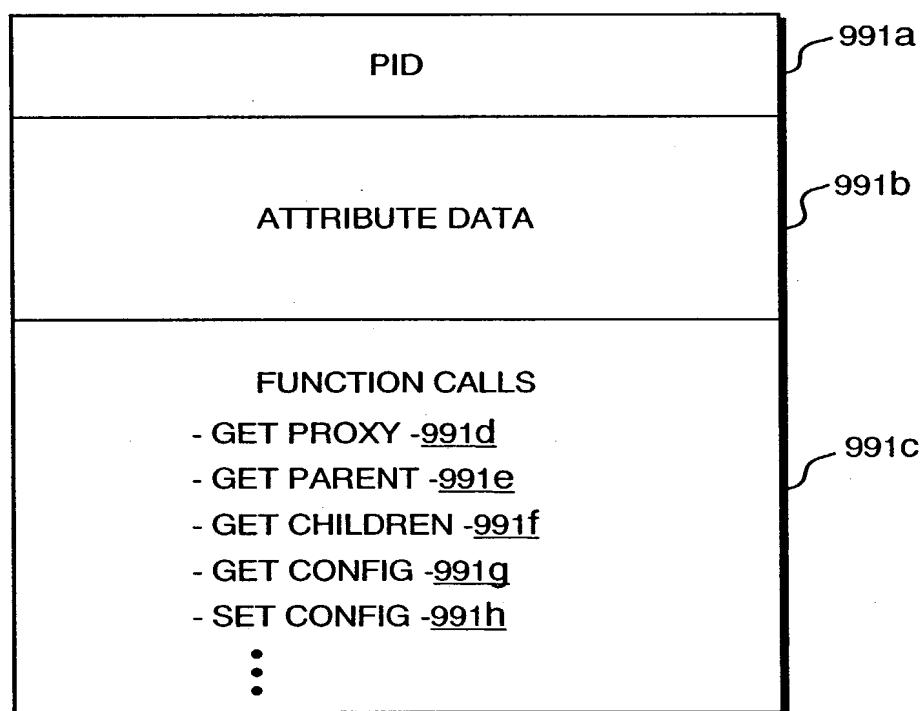
PHYSICAL MANAGED OBJECT 991

FIG. 61A

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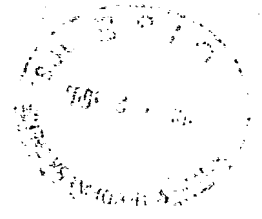
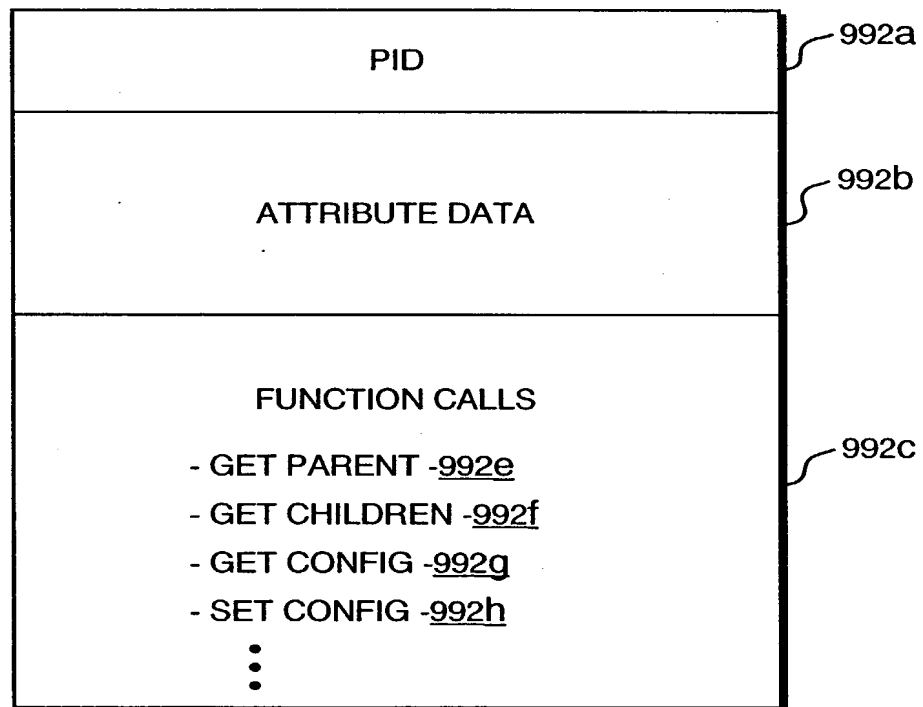
PROXY 992

FIG. 61B



997

EvailNet Manager: Modify SONET Path - Shelf 11/Slot4/Port 1

System: 192.168.9.202

-SONET Path Parameters

Path Name	Path1_11/4/1
Path Number	1
Path Width	STS-3c
Path Type	Terminated-ATM

-Connection Information

Connected SONET Path

☒ None
☐ Specific

Paths...

ATM Interface Name

Modules

OK Cancel

997a

998b

FIG. 62

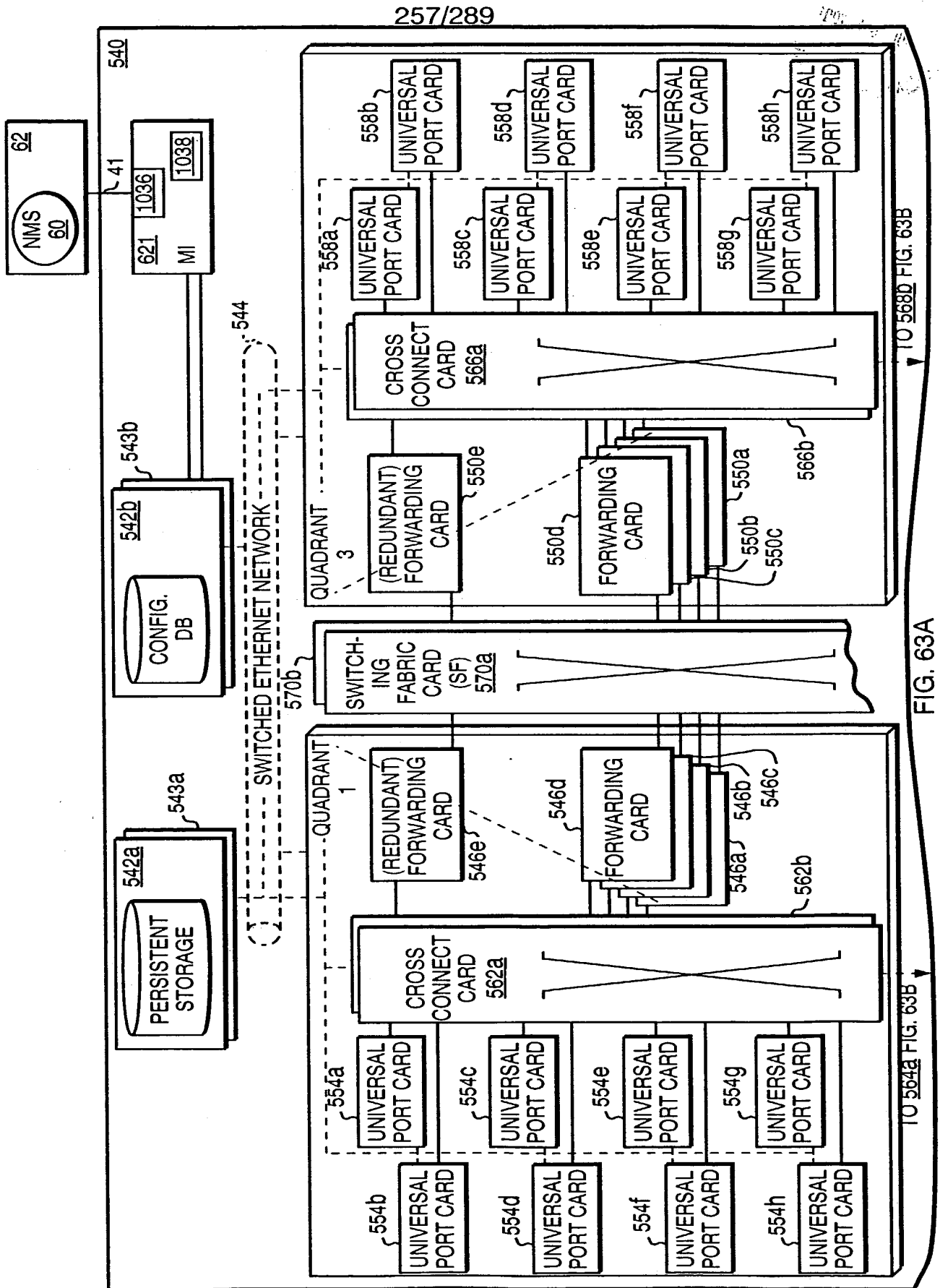
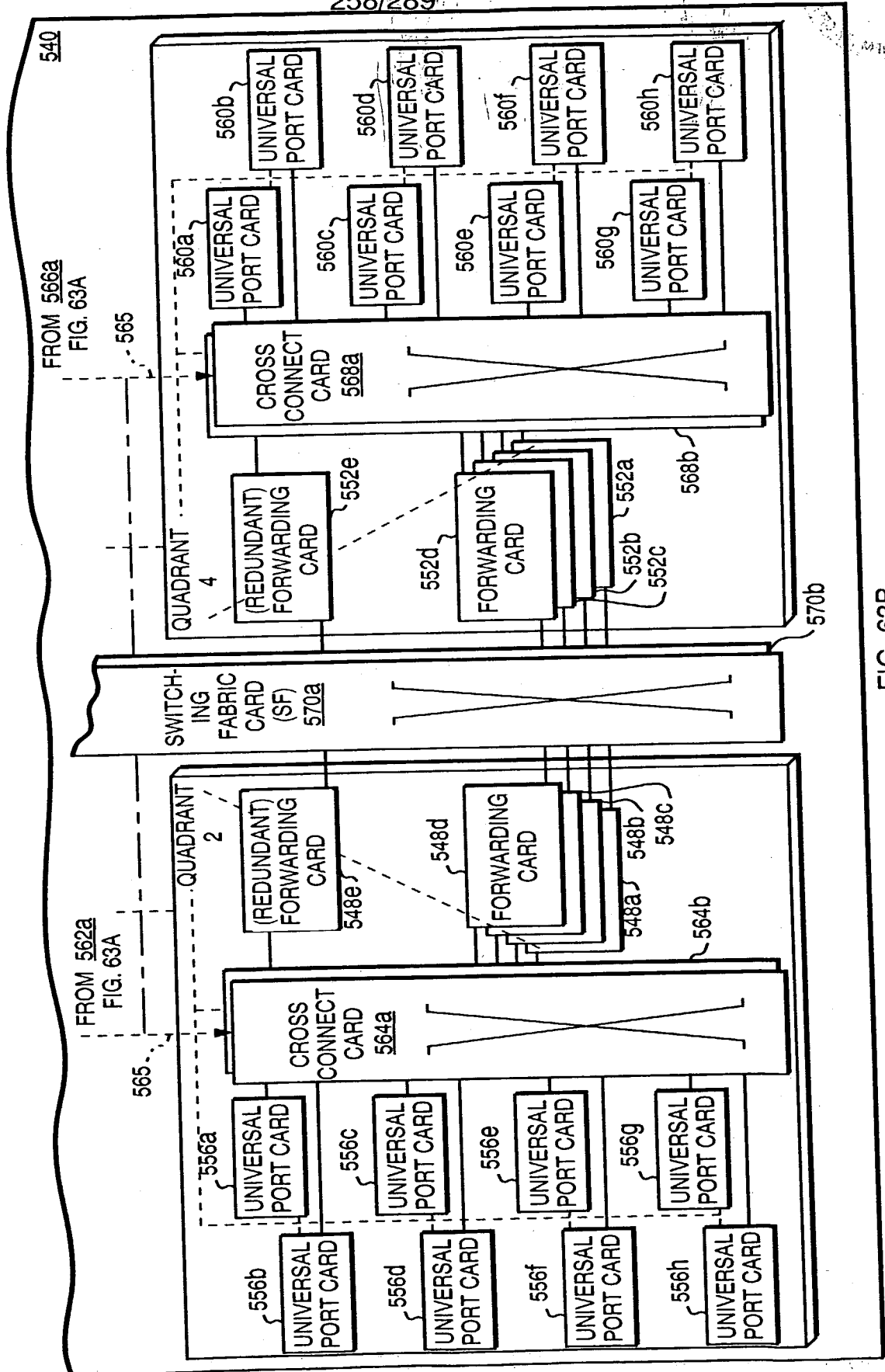


FIG. 63A

TO 564a FIG. 63B

TO 568d FIG. 63B

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ADMINISTRATION MANAGED DEVICE TABLE 1014'

LID	HOST ADDRESS	PORT ADDRESS	RETRY	TIMEOUT	ADMIN. PASSWORD	PROV. PASSWORD	VIEWER PASSWORD	1014e' 1014f'	
								PHYSICAL ID	PHYSICAL ID
9046	192.168.9.202	1521			TEAM 1	TEAM 2	TEAM 3		
.
.

FIG. 64



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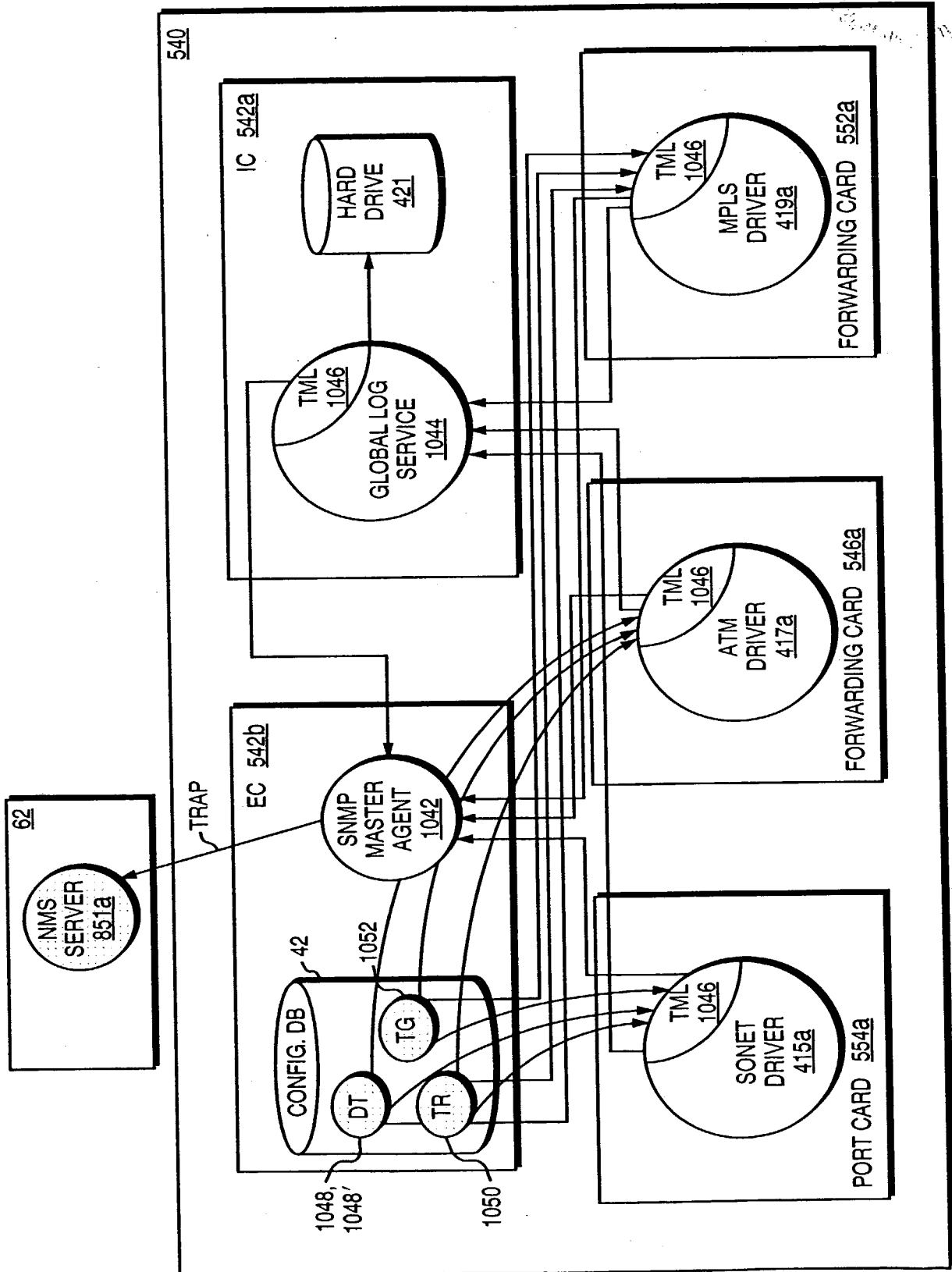


FIG. 65

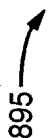
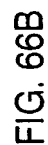


FIG. 66A



EqualNet Manager: 192.168.9.202
File Edit Device View Help Threshold
Image Scale: 100%

Configuration

System: 192.168.9.202

Modules Ports SONET Interfaces SONET Paths ATM Interfaces Virtual ATM Interfaces Virtual Connections

947

947a

947b

947C

Ready

Server: 192.168.1.229 Mode: On-line Profile: patty

Equipment

- Profiles
- Management of Management
- Network
- Devices
- 192.168.9.202

Shelf 11

- Slot 1
- Slot 2
- Slot 3
- Slot 4
- Port 1
- ATM-Path1 11/4/1
- ATM-Path2 11/4/1
- Port 2
- Port 3
- Port 4
- Port 5
- Port 6
- Port 7
- Port 8
- Port 9

test1

Name	Direct Link	Type	Version	Admin. Status	PVC Count	Sign
test1			UNI Network 3.1	Up	0	0

<<back Add... Delete... Refresh Virtual Connections>>

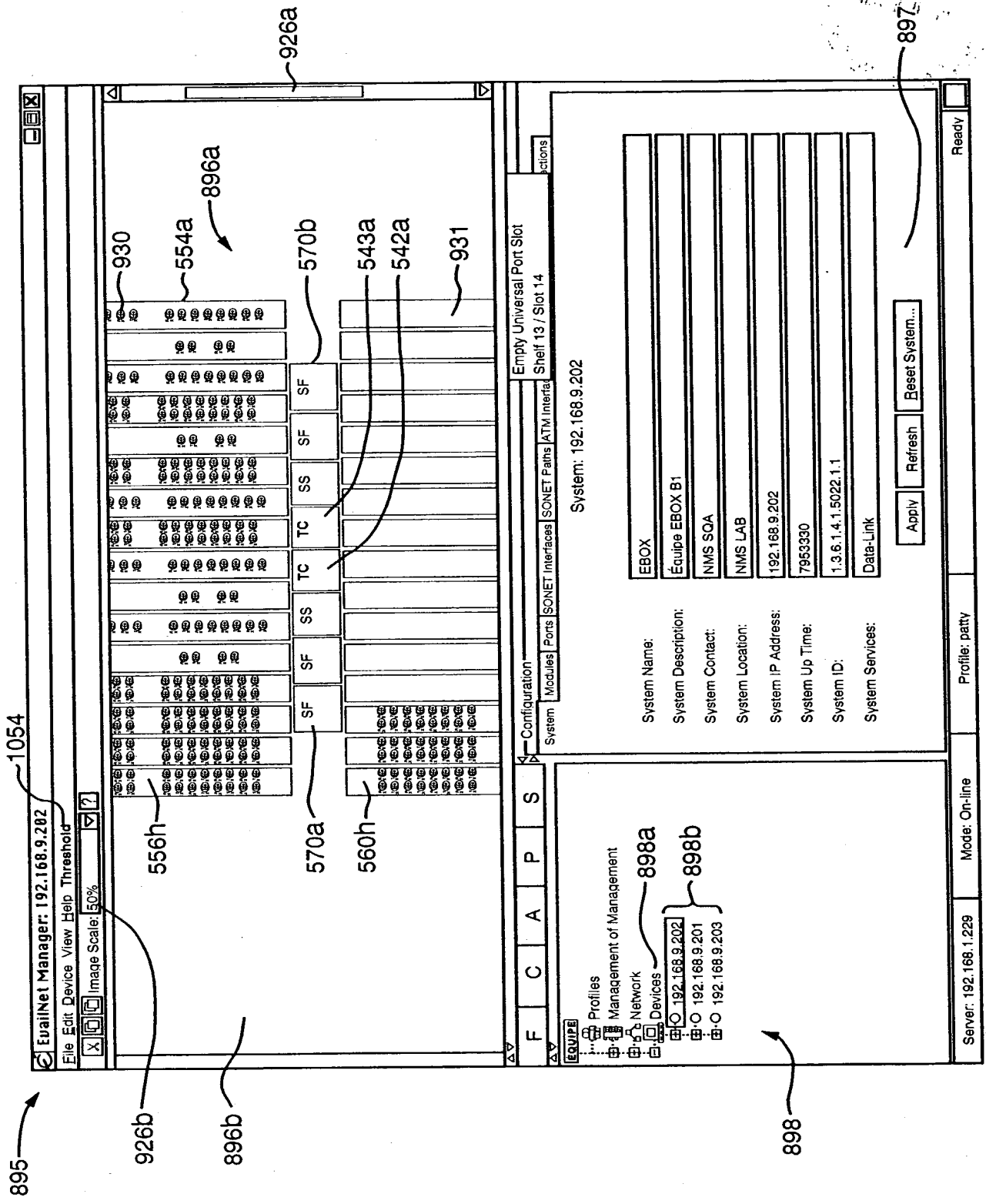


FIG. 66E

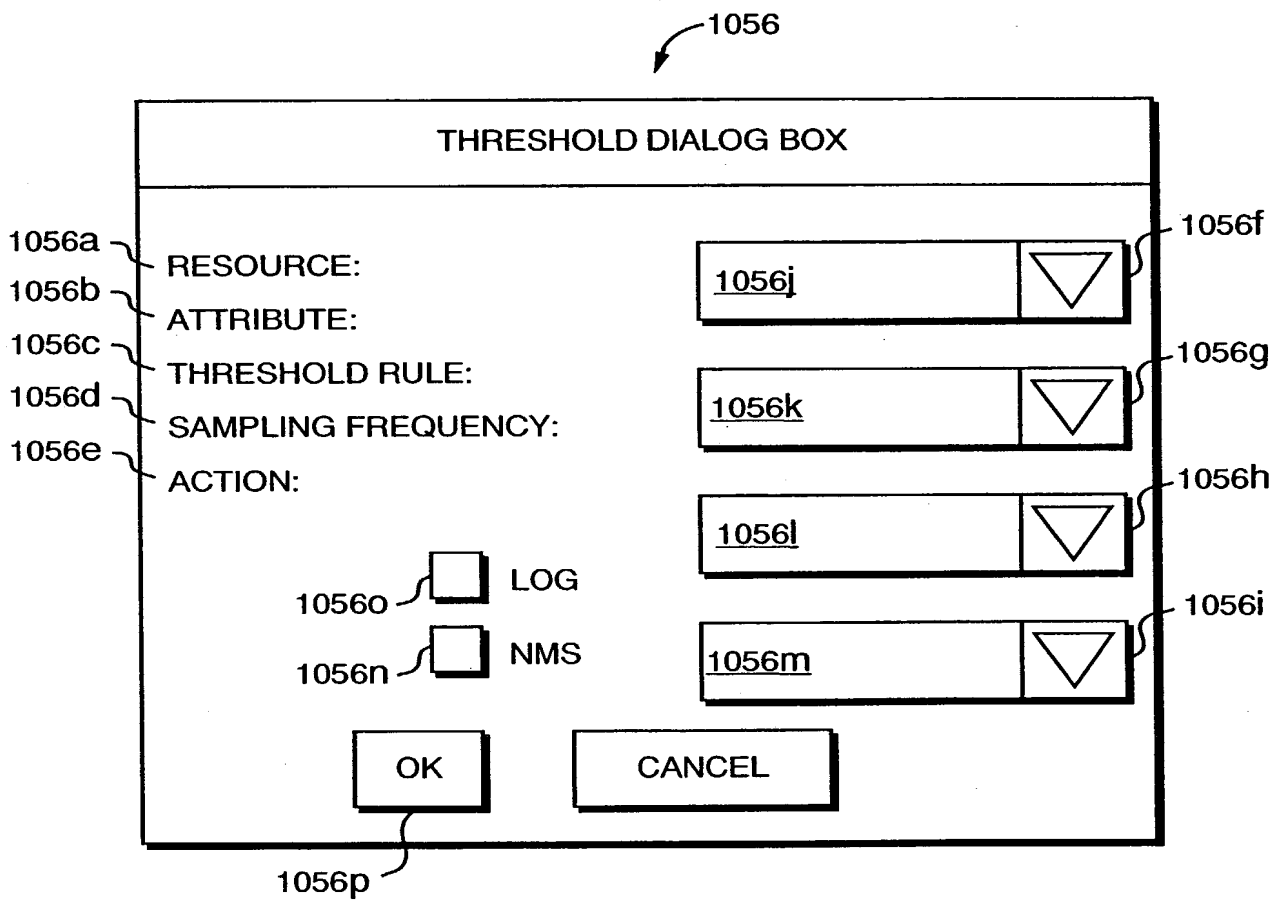


FIG. 67

DYNAMIC THRESHOLD TABLE 1048

1048a RESOURCE ID	1048c ATTRIBUTE	1048d SAMPLING FREQ.	1048e ACTION	1048f RULE
901	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	IF ATTRIBUTE > 10
901	PATH ERRORS (PATH END)	15 min	TRAP	IF ATTRIBUTE < 5 OR > 10
901	PATH ERRORS (PATH END)	5 min	LOG & TRAP	IF ATTRIBUTE < 5 OR > 10
• • •	• • •	• • •	• • •	• • •
5054	FAILED CALL ATTEMPTS	10 min	TRAP	IF ATTRIBUTE > 8 BETWEEN 8:00am-7:00pm OR > 2 BETWEEN 7:00pm-8:00am
5054	HCS ERRORS	12 min	TRAP	IF ATTRIBUTE > 13
• • •	• • •	• • •	• • •	• • •
7312	RX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE < 4
7312	TX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE = 0
• • •	• • •	• • •	• • •	• • •

FIG. 68

DYNAMIC THRESHOLD TABLE 1048'

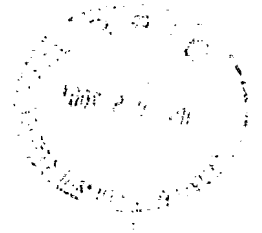
1048a' {	1048b' {	1048c' {	1048d' {	1048e' {	1048f' {
THR. GROUP LID	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE
8312	SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	IF ATTRIBUTE > 10
8312	SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	IF ATTRIBUTE < 5 OR > 10
8312	SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	IF ATTRIBUTE < 5 OR > 10
.
8433	ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	IF ATTRIBUTE > 8 BETWEEN 8:00am-7:00pm OR > 2 BETWEEN 7:00pm-8:00am
8433	ATM IF	HCS ERRORS	12 min	TRAP	IF ATTRIBUTE > 13
.
8542	VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE < 4
8542	VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	IF ATTRIBUTE = 0

FIG. 69A

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102689-73 11/11/11

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THRESHOLD GROUP TABLE 1052

1052a	RESOURCE ID	THRESHOLD GROUP LID	1052b
	901	8312	
	902	8313	
	903	8312	
	⋮	⋮	
	5054	8433	
	⋮	⋮	
	7312	8542	

FIG. 69B

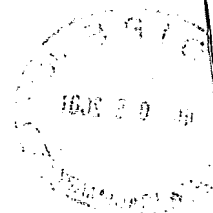
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DYNAMIC THRESHOLD TABLE 1048''

1048a''	1048b''	1048c''	1048d''	1048e''	1048f''	1048g''	1048h''	1048i''	1048j''	1048k''	1048l''	1048t''
THR. GROUP LID	RESOURCE	ATTRIBUTE	SAMPLING FREQ.	ACTION	RULE LID	VARIAB. a	VARIAB. b	VARIAB. c	VARIAB. d	VARIAB. e	VARIAB. f	VARIAB. n
8312	SONET PATH	UNAVAILABLE SECONDS (PATH END)	15 min	LOG	9421	10						
8312	SONET PATH	PATH ERRORS (PATH END)	15 min	TRAP	9422	5	10					
8312	SONET PATH	PATH ERRORS (FAR END)	5 min	LOG & TRAP	9422	5	10					
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8433	ATM IF	FAILED CALL ATTEMPTS	10 min	TRAP	9423	8	8:00am	7:00pm	2	7:00pm	8:00am	
8433	ATM IF	HCS ERRORS	12 min	TRAP	9421	13						
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
8542	VIRTUAL CONN.	RX TRAFFIC	1 HOUR	TRAP	9424	4						
8542	VIRTUAL CONN.	TX TRAFFIC	1 HOUR	TRAP	9425							
	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮

FIG. 70A

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THRESHOLD RULE TABLE 1050

1050a	RULE LID	EXPRESSION	1050b
1050c	9421	IF ATTRIBUTE > a	
	9422	IF ATTRIBUTE < a OR > b	
	9423	IF ATTRIBUTE > a BETWEEN b-c OR > d BETWEEN e-f	
	9424	IF ATTRIBUTE < a	
	9425	IF ATTRIBUTE = 0	
	9426	RMON	
	9427	FOE	
	9428	IF ATTRIBUTE < a GO TO RULE LID b	
	⋮	⋮	

FIG. 70B

FIG. 71

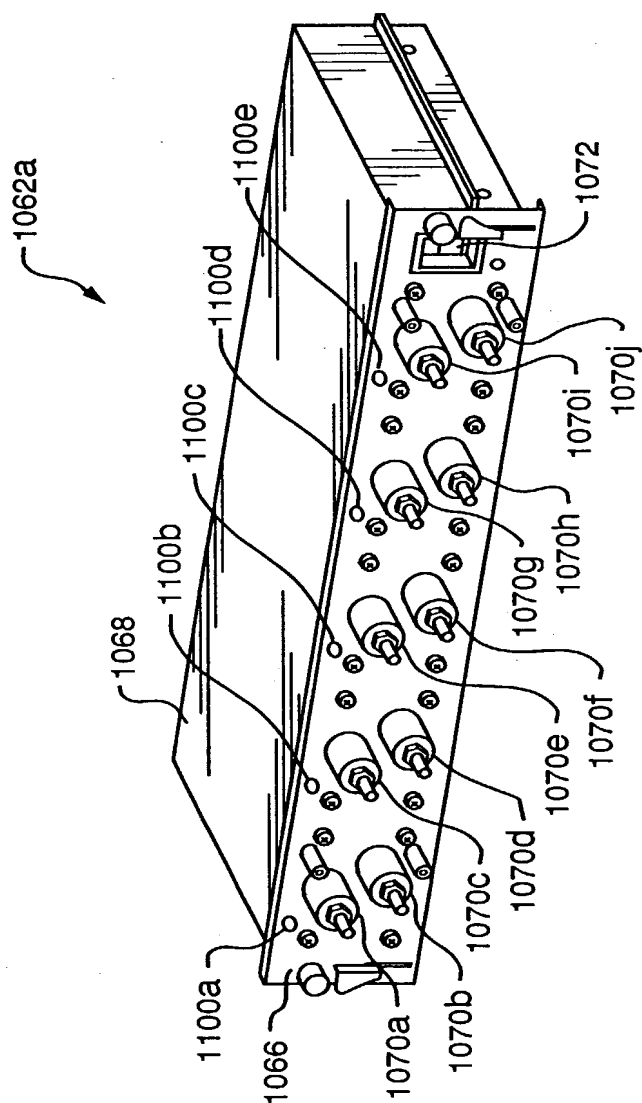
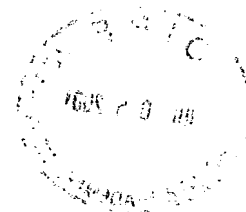


FIG. 72A

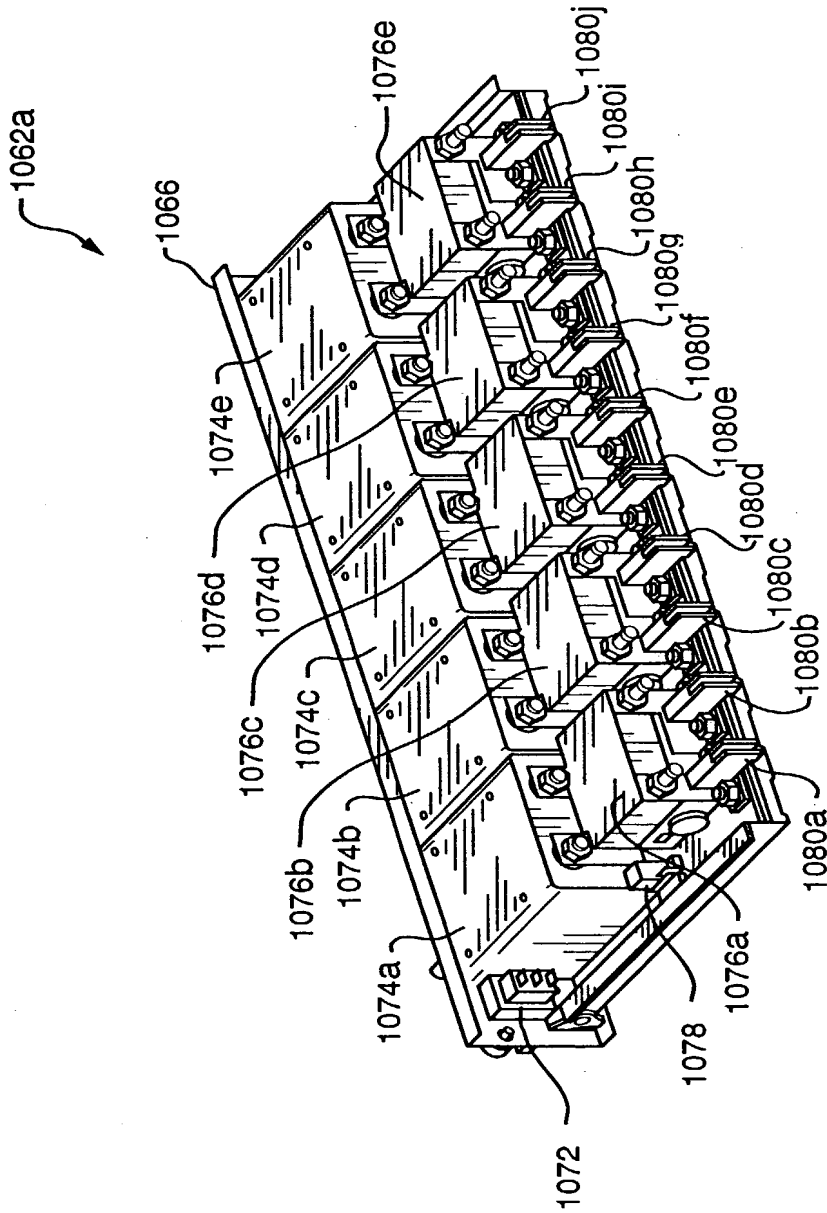
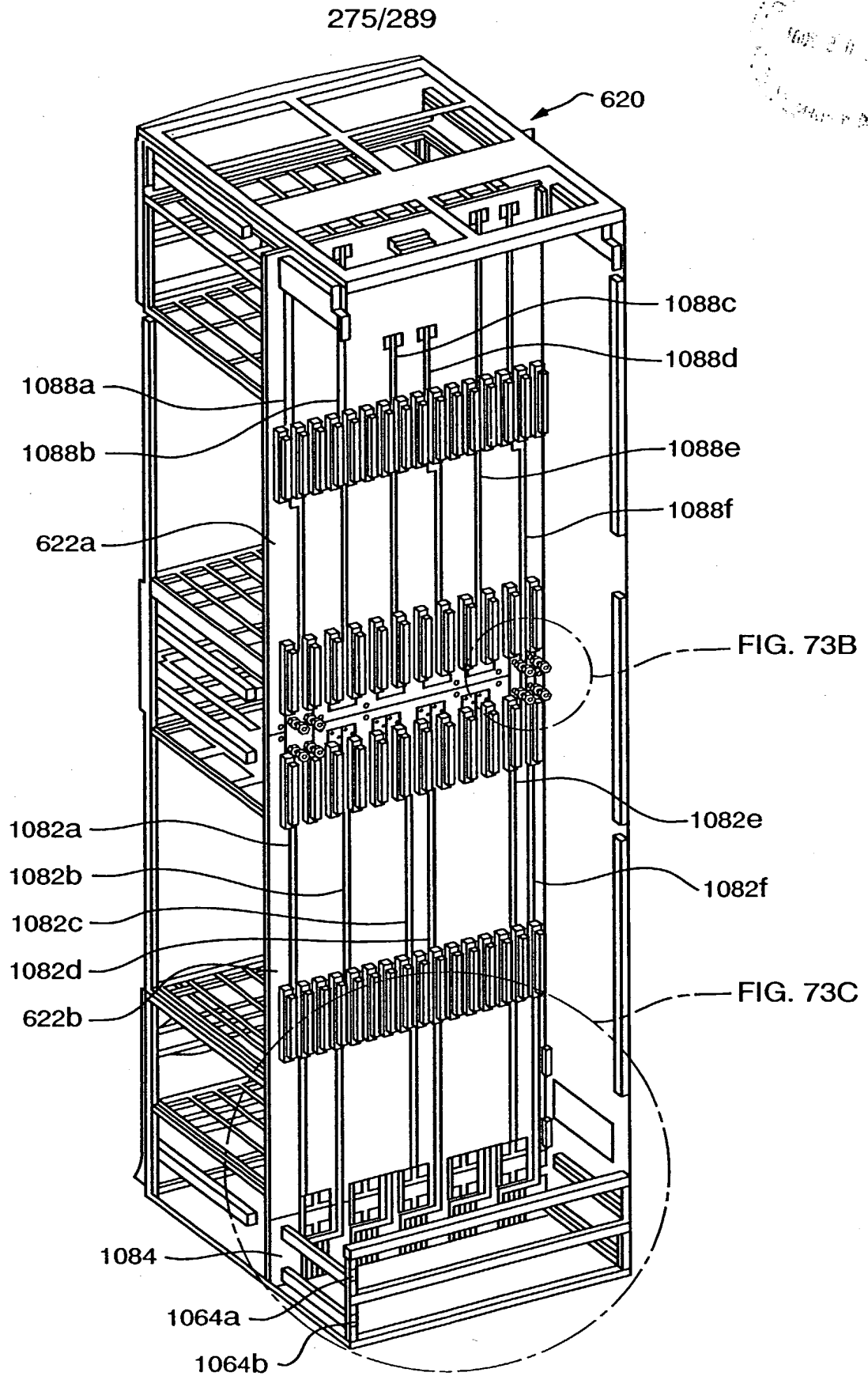


FIG. 72B



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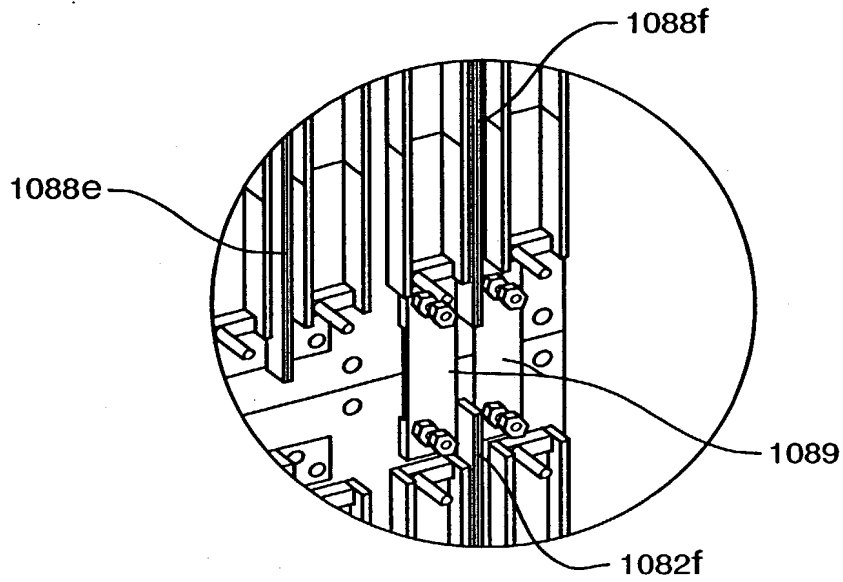
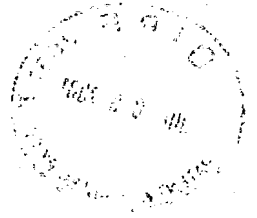


FIG. 73B

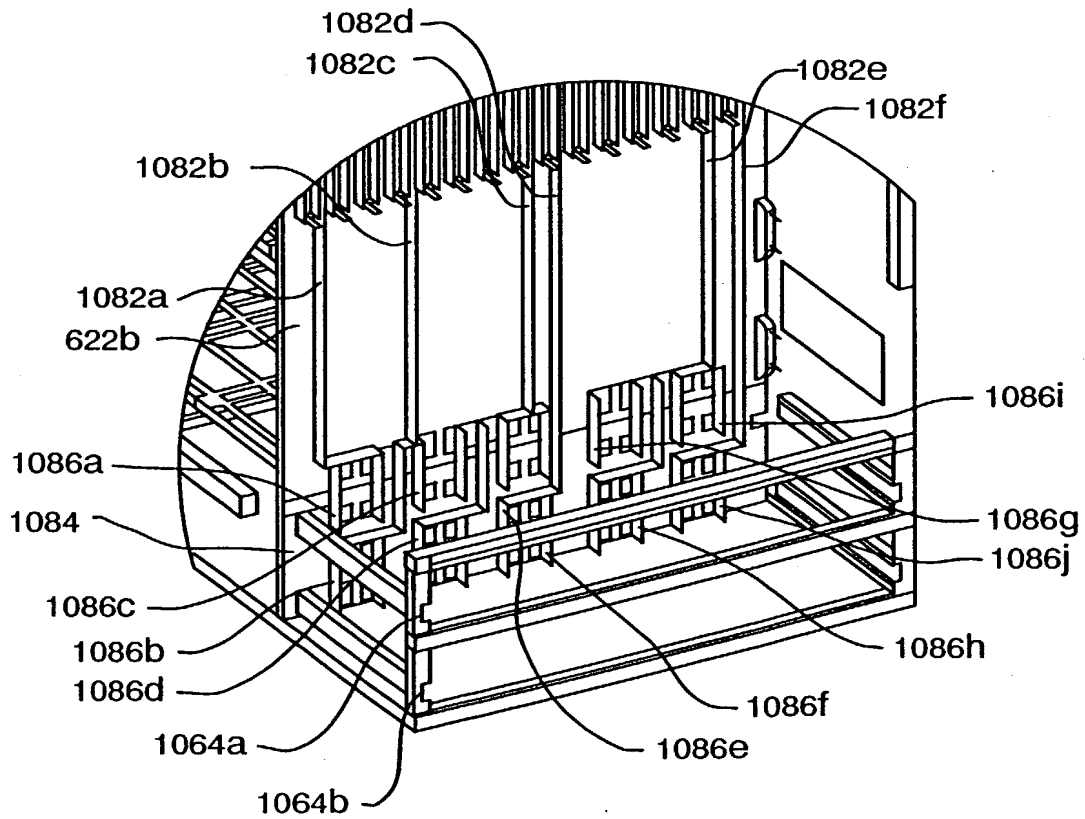


FIG. 73C

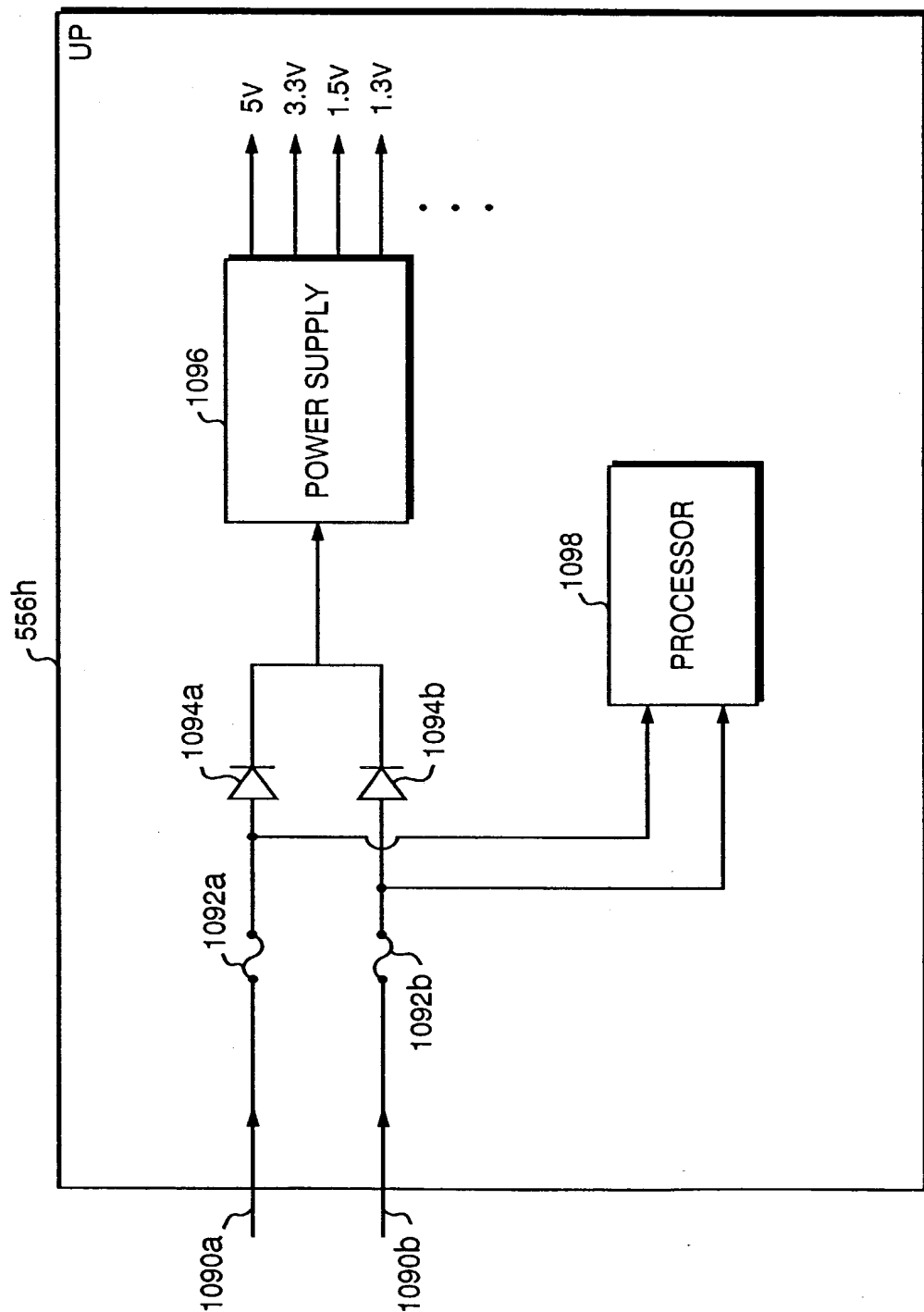


FIG. 74

1102

EvailNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

End Point 1

Slot 4
Port 1
 ATM-Path1_11/4/1
 ATM-Path2_11/4/1
 test1
 test2
Port 2
Port 3
Port 4

End Point 1

Slot 3
Slot 4
Slot 5
Port 1
Port 2
 ATM-Path1_11/5/2
 test3
 ATM-Path2_11/5/2
 ATM-Path3_11/5/2

Connection Parameters

Connection Name: test

Admin Status: Up

Customer Name: Customer List

End Point 1 Parameters:

VPI: 1102e VPI Index

VCI:

Transmit Traffic Descriptor: VBR-high Add Traffic Descriptor...

Receive Traffic Descriptor: VBR-high Add Traffic Descriptor...

☐ Use the same Traffic Descriptor for both Transmit and Receive

End Point 2 Parameters:

VPI: 1102f VPI Index

VCI:

Transmit Traffic Descriptor: VBR-high Add Traffic Descriptors...

Receive Traffic Descriptor: VBR-high Add Traffic Descriptors...

☐ Use the same Traffic Descriptor for both Transmit and Receive

<<Back Finish Cancel

FIG. 75

1102

EvailNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

End Point 1

Slot 4
Port 1
ATM-Path1_11/4/1
ATM-Path2_11/4/1
test1
test2
Port 2
Port 3
Port 4

End Point 1

Slot 3
Slot 4
Slot 5
Port 1
Port 2
ATM-Path1_11/5/2
test3
ATM-Path2_11/5/2
ATM-Path3_11/5/2

Connection Parameters

Connection Name: test

Admin Status: Up

Customer Name: Customer List

End Point 1 Parameters:

VPI: 1102e VPI/VCI Index

VCI: 1102g

Transmit Traffic Descriptor: VBR-high Add Traffic Descriptor...

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

End Point 2 Parameters:

VPI: 1102f VPI/VCI Index

VCI: 1102h

Transmit Traffic Descriptor: VBR-high Add Traffic Descriptors...

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

<<Back Finish Cancel

1102c

1102d

FIG. 76

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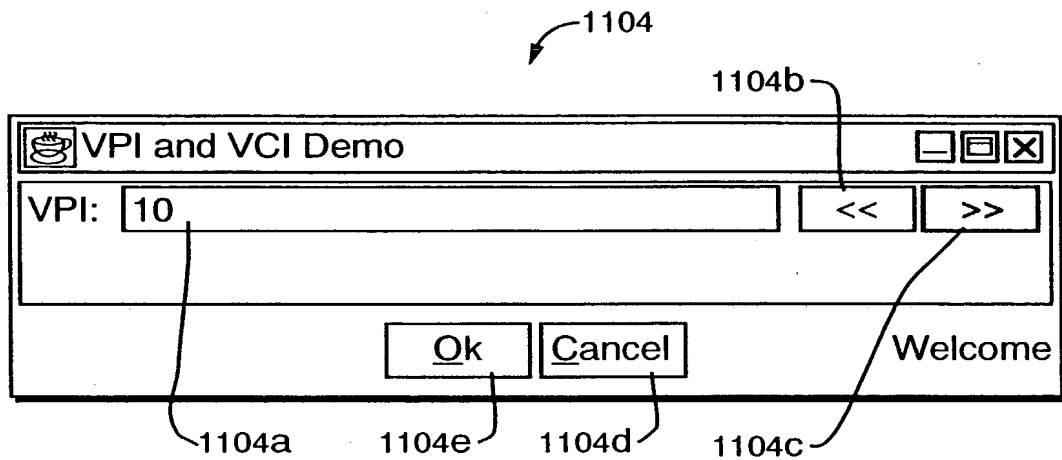
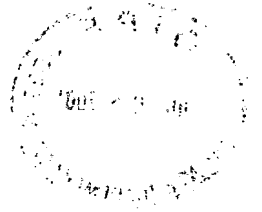


FIG. 77

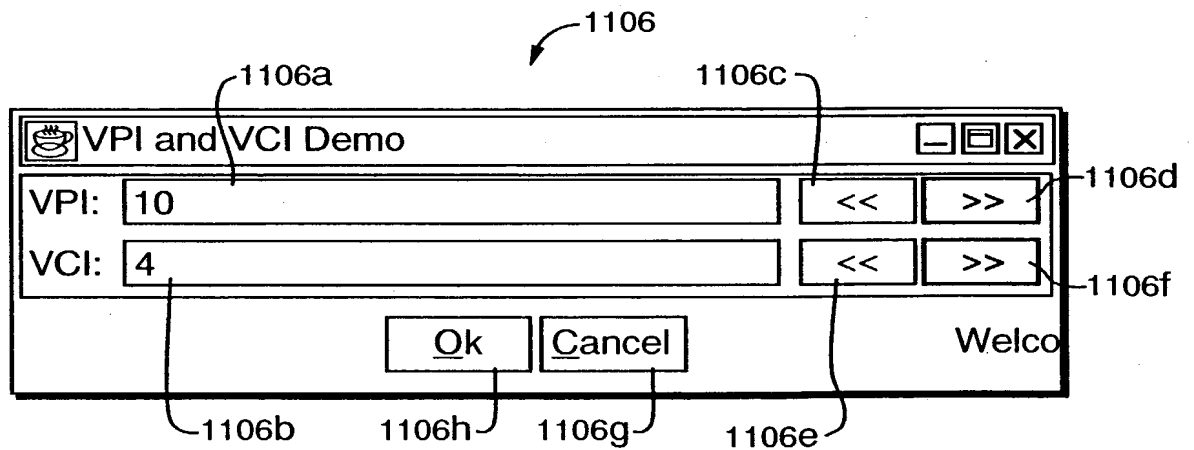


FIG. 78

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1102

EvailNet Manager: 192.168.9.202-Virtual Connection Wizard

Source: 192.168.9.202 Destination: 192.168.9.202

End Point 1

Slot 4
Port 1
 ATM-Path1_11/4/1
 ATM-Path2_11/4/1
 test2
 test1
Port 2
Port 3
Port 4

End Point 2

Slot 3
Slot 4
Slot 5
Port 1
Port 2
 ATM-Path1_11/5/2
 test3
 ATM-Path2_11/5/2
 ATM-Path3_11/5/2

Connection Parameters

Connection Name: test

Admin Status: Up

Customer Name:

End Point 1 Parameters:

VPI: 1102e 1102j ☐ Use Any VPI Value

VCI: 1102g 1102i ☐ Use Any VCI Value

Transmit Traffic Descriptor: VBR-high 1102j

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

End Point 2 Parameters:

VPI: 1102f 1102j ☐ Use Any VPI Value

VCI: 1102h 1102i ☐ Use Any VCI Value

Transmit Traffic Descriptor: VBR-high 1102j

Receive Traffic Descriptor: VBR-high

☐ Use the same Traffic Descriptor for both Transmit and Receive

<<Back Finish Cancel

FIG. 79

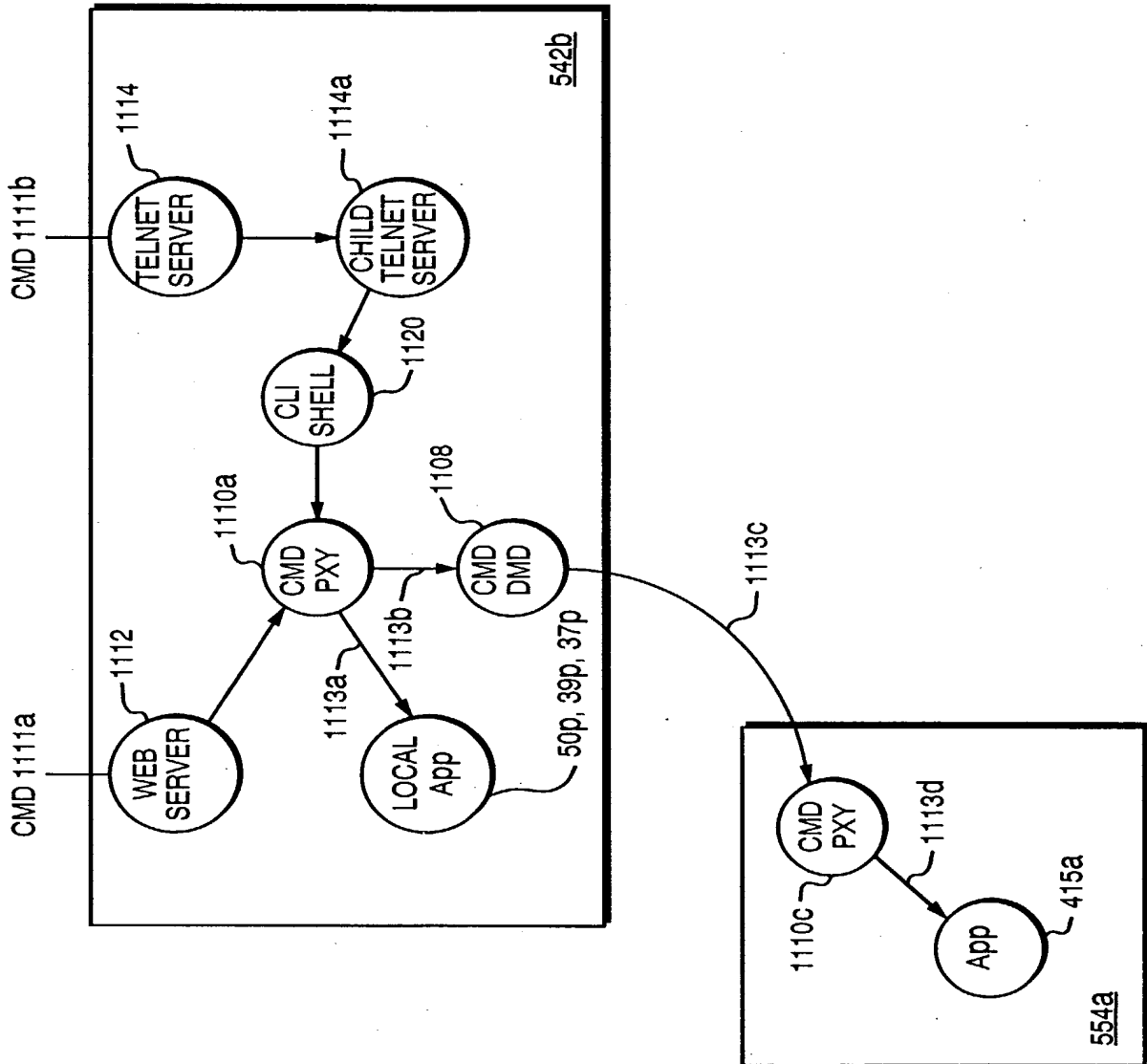
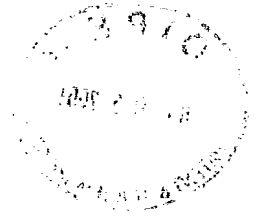


FIG. 81

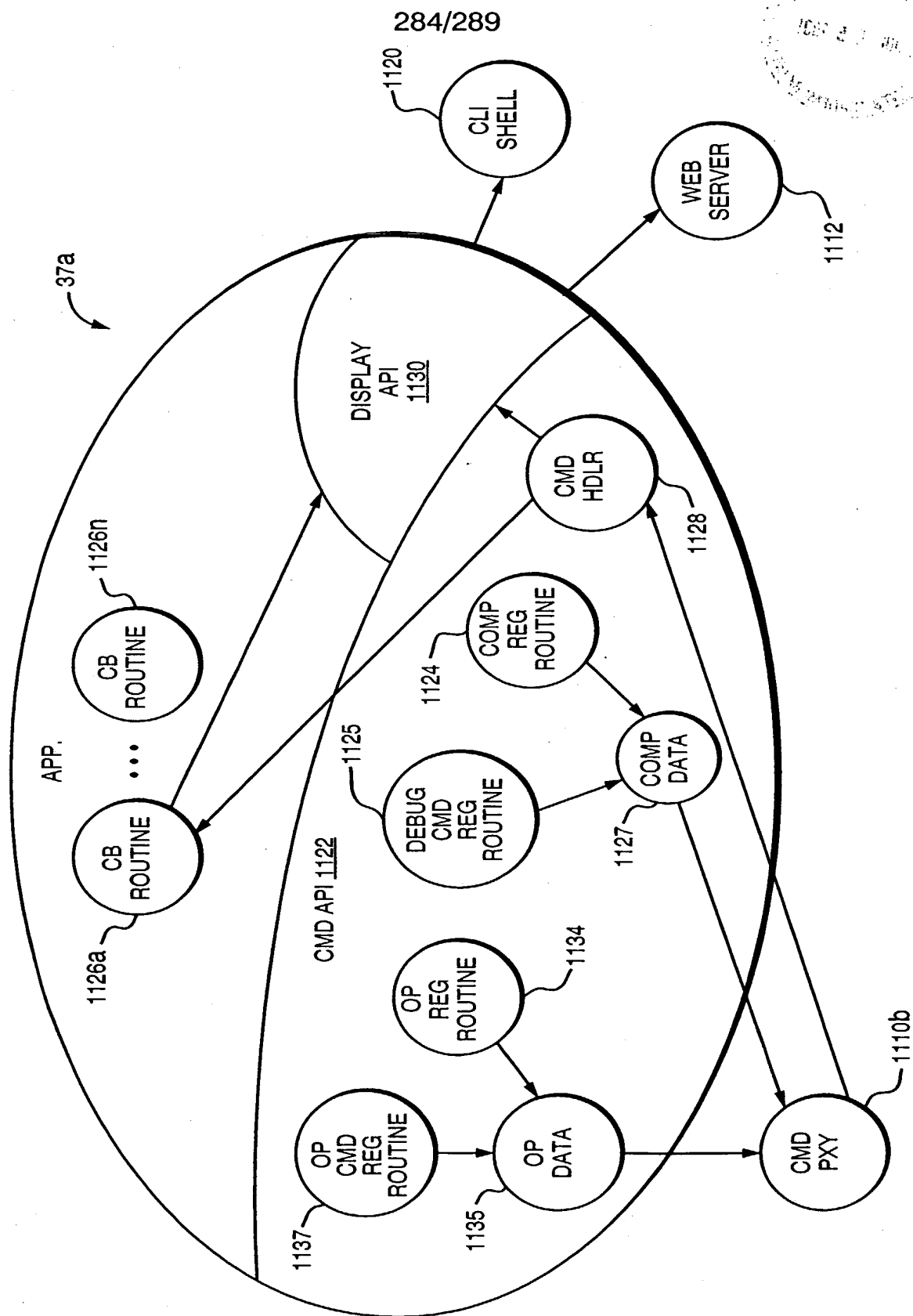


FIG. 82

